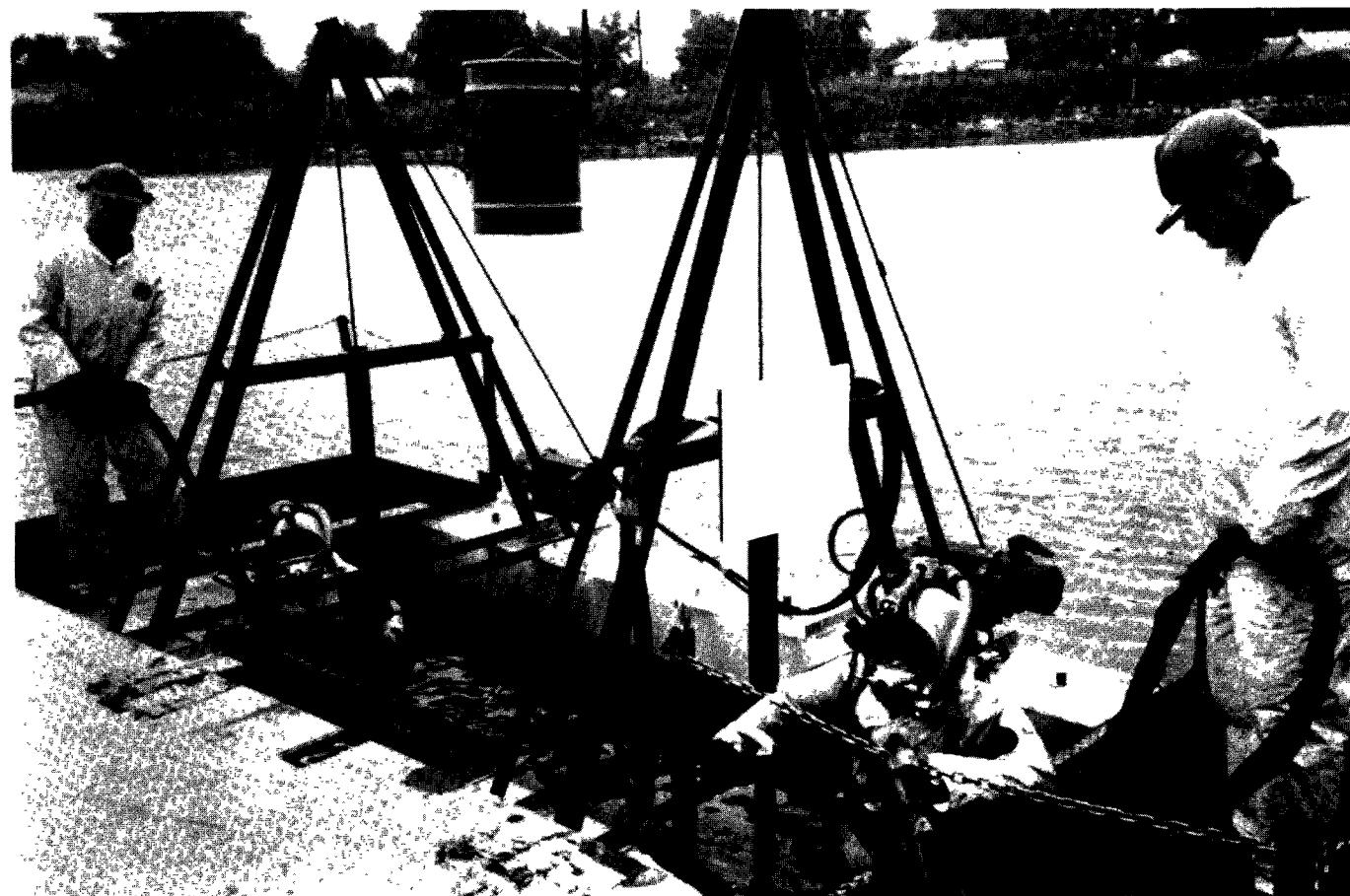




Superfund Emergency Response Actions:

A Summary of Federally-Funded Removals Fifth Annual Report - Fiscal Year 1990



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SUPERFUND EMERGENCY RESPONSE ACTIONS

A Summary of Federally-Funded Removals

Fifth Annual Report - Fiscal Year 1990

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SUPERFUND EMERGENCY RESPONSE ACTIONS

Fifth Annual Report

The Superfund removal program has achieved significant accomplishments in responding to environmental emergencies, cleaning up hazardous waste sites, and making sites safe. For this reason, EPA publishes the Superfund Emergency Response Actions summary, which provides the public with valuable information about Superfund removal actions undertaken by EPA. This document is updated annually. The Fifth Annual Report, which is the fourth update to the initial document, summarizes the Superfund removal actions completed by EPA between October 1989 and September 1990.

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INTRODUCTION TO THE SUPERFUND REMOVAL PROGRAM

Tragic situations such as the Love Canal crisis in Niagara Falls, New York, triggered national public awareness and concern about how and where hazardous waste is disposed. These concerns prompted Congress to pass the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in 1980. CERCLA, commonly known as Superfund, authorizes the Federal government to work with State and local governments and private parties to provide responses to releases of hazardous substances and inactive hazardous waste sites.

The \$1.6 billion Trust Fund, financed by taxes on crude oil and 42 designated chemicals, was collected during the first five years of the program to support Superfund cleanup. The Fund provides for both short- and long-term actions known respectively as the removal and remedial programs. Remedial actions are undertaken only at waste sites listed on the National Priorities List (NPL) while removal actions, including emergencies, occur in response to hazardous substance releases at both NPL and non-NPL sites.

On October 17, 1986, the Superfund Amendments and Reauthorization Act (SARA) was enacted. SARA reauthorized Superfund for five years, increased the funding authority, introduced guidelines for emergency planning and community-right-to-know, and reinforced and significantly strengthened the law's enforcement provisions in order to compel responsible party, rather than Fund, cleanups. CERCLA, as amended, raised the statutory limitations on removal actions from 6 months to 12 months and from \$1 million to \$2 million to reflect actual time and cost restraints during the first six years of the program. These limitations can be exceeded in certain emergency situations and/or where a continued removal response action is appropriate and consistent with the remedial action to be taken. In October

of 1990, Congress passed a three-year extension of the taxing authority for Superfund, ensuring uninterrupted implementation of the program through 1994 and increasing the Fund to \$11.5 billion.

The National Oil and Hazardous Substances Pollution Contingency Plan, referred to as the National Contingency Plan (NCP), establishes procedures and standards for responding to releases of hazardous substances, pollutants, and contaminants. The NCP details the responsibilities of 14 Federal agencies and State and local governments for cleaning up releases of hazardous substances and oil spills to all media: land, air, surface water, and ground water. The lead responsibility for emergencies occurring inland or in inland waters belongs to EPA. Primary responsibility for addressing accidental releases in or near coastal waters and the Great Lakes rests with the U.S. Coast Guard (USCG). EPA has lead responsibility for all hazardous waste site response actions. Although other Federal agencies (i.e., the Agency for Toxic Substances and Disease Registry (ATSDR)) do not lead Fund-financed actions, they provide assistance as necessary. In addition, special technical assistance teams and cleanup contractors provide significant support to removal actions.

The Superfund removal program, which manages removal actions and emergency responses, is characterized by close cooperation among Federal, State, and local government agencies and between government and industry. Removal sites are discovered through referral from State, local, and other Federal agencies; the general public; other EPA program offices; removal program inspection efforts; and through notifications to the Federal government as required under CERCLA section 103(a). In FY 90, there were

6,028 CERCLA section 103(a) notifications to the Federal government of releases of CERCLA hazardous substances. In addition to these CERCLA notifications, there were 7,994 notifications to the Federal government of releases of substances suspected of being CERCLA hazardous substances or that posed a potential threat to the environment. These notifications are tracked by the Emergency

Response Notification System (ERNS) database at EPA. Upon notification or site discovery, the EPA or USCG On-Scene Coordinator (OSC) evaluates the reported incident and determines whether or not a Federal response is warranted. EPA maintains a technical team on call 24 hours a day to respond to emergencies.

CHART 1

SCAP/SPMS MEASURES FISCAL YEAR 1990 ACCOMPLISHMENTS*

ACTIVITIES	REGION	SCAP/SPMS MEASURES FISCAL YEAR 1990 ACCOMPLISHMENTS*										TOTAL
		01	02	03	04	05	06	07	08	09	10	
Hazardous Materials Release Investigations	29	17	60	0	136	303	63	91	39	58	796	
Hazardous Materials Releases	519	268	680	1,215	2,401	4,142	147	362	2,024	379	12,137	
On-Scene Monitoring of Hazardous Substances	24	6	25	0	35	91	4	17	2	24	228	
SPCC Inspections	91	52	79	30	129	211	19	88	26	50	775	
On-Scene Monitoring of Oil Spills	25	18	23	17	26	37	3	16	7	36	208	
Oil Spill Cleanups	0	0	10	2	2	18	4	0	0	0	36	
Oil Release Investigations	35	17	23	0	136	19	16	444	7	13	710	
Oil Release Notifications	937	286	1,352	1,090	1,140	3,205	231	443	2,504	246	11,434	

* Regional Removal program data entered into CERCLIS are reported through the Superfund Comprehensive Accomplishments Plan (SCAP) and the Strategic Planning and Management System (SPMS).

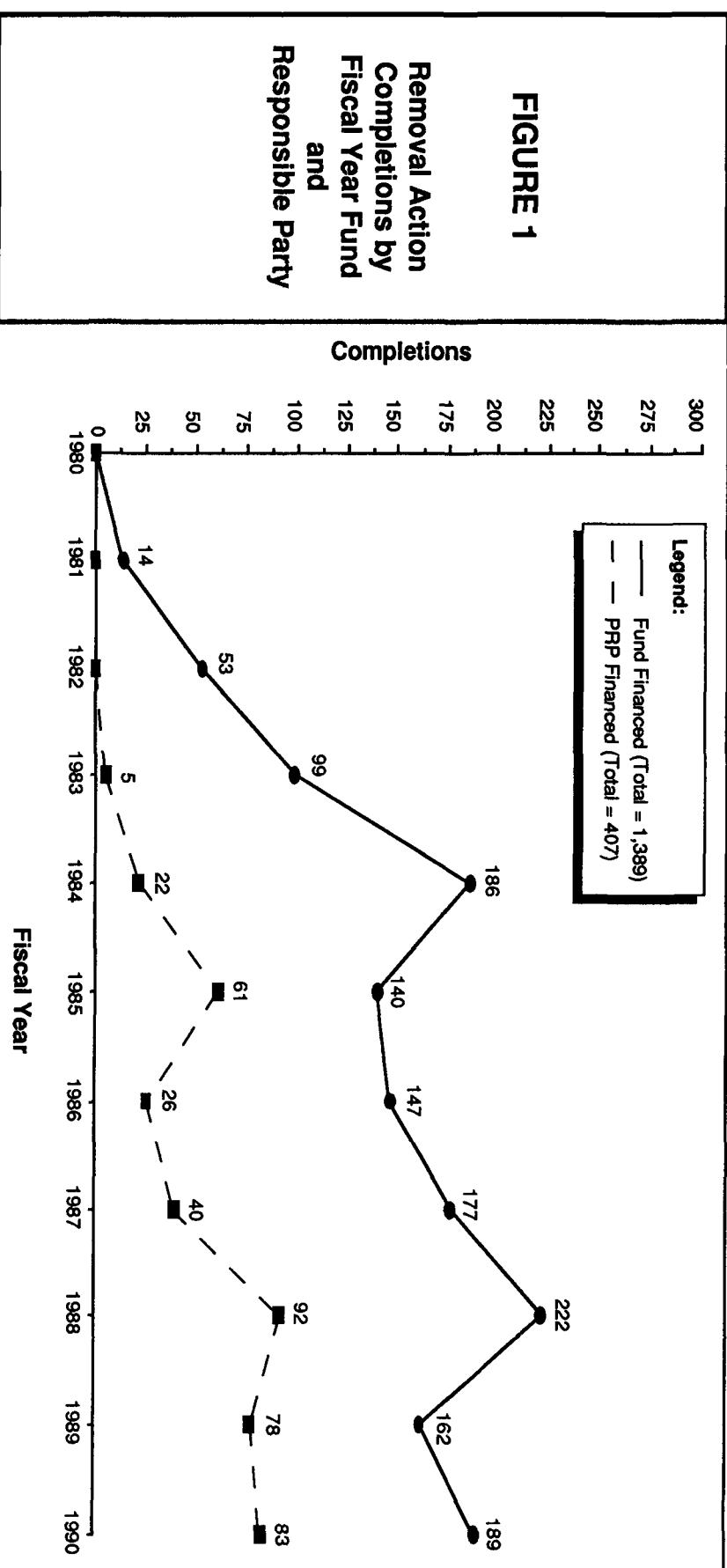
official national information management system for the Superfund program, along with other investigation, inspection, cleanup and monitoring activities. Each region tracks both targets and accomplishments for these activities. Chart 1 lists FY90 regional accomplishments.

In FY 90, approximately 70 percent of all completed removal actions listed in CERCLIS were led by EPA or USCG (with the support and assistance from industry, other Federal agencies, and/or

State and local agencies). The remaining 30 percent of these completed removals, including emergency responses, were conducted by the responsible party (e.g., generator, transporter, or disposer of hazardous substances) with support from EPA or USCG.

Throughout the Superfund program the number of both fund and responsible party lead completions generally has increased with each fiscal year [Figure 1].

FIGURE 1

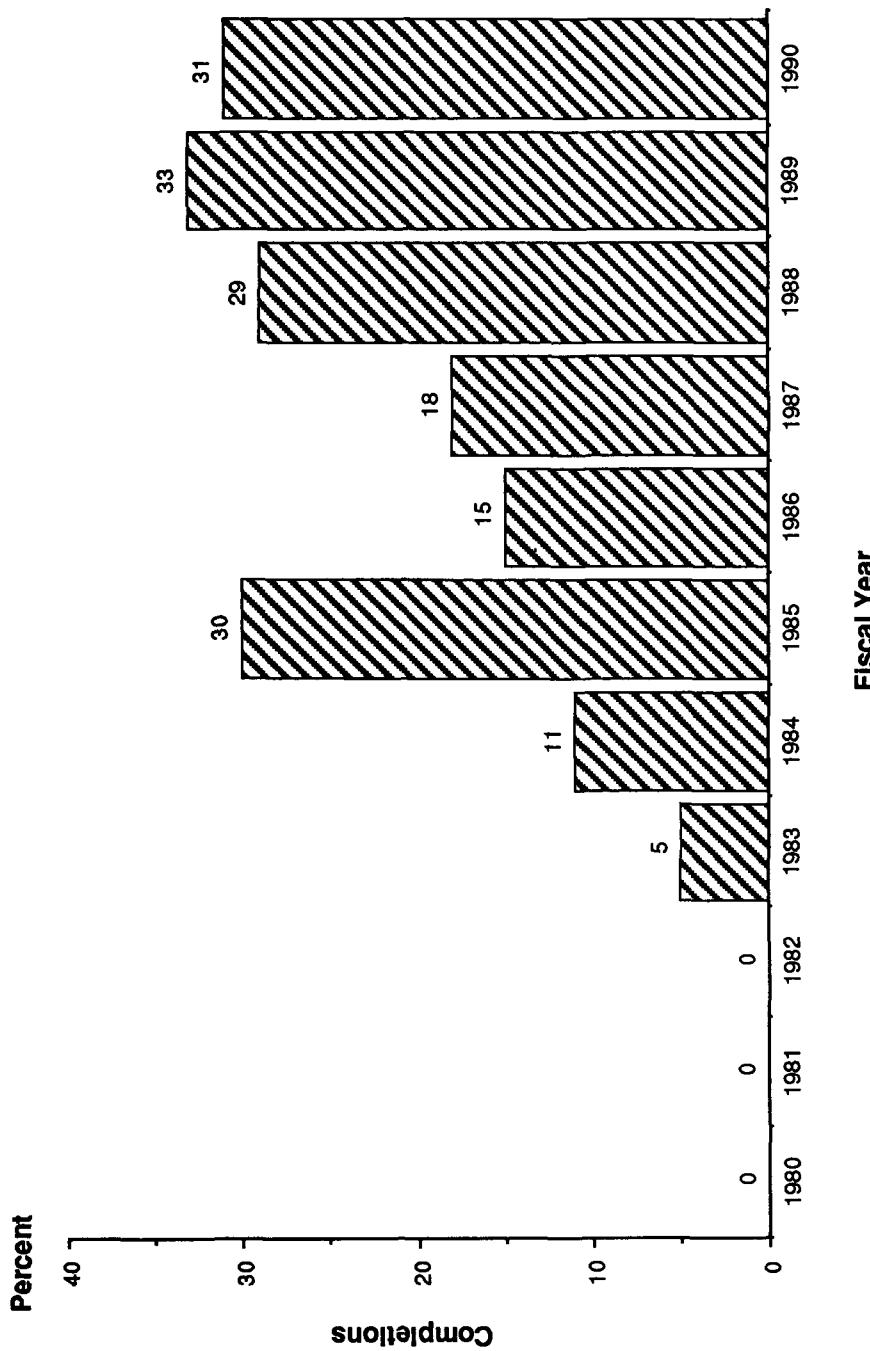


There has been an increased emphasis on responsible party lead actions. Specifically, Superfund's 90-day Study which stressed the importance of combining both the fund and enforcement programs using the enforcement arm first. As a result of this emphasis on enforcement throughout the Superfund program, the percentage of

removal action completions performed by the responsible party has increased [Figure 2].

Potential and actual releases of hazardous substances are extremely variable in size, threat, and location. The Superfund removal

FIGURE 2 - Percentage of Removal Completions that were Responsible Party Lead for each Fiscal Year



program is capable and available to address all such situations, as long as CERCLA and NCP response criteria are met. Although removal actions must be flexible and tailored to the specific needs of each site, some response activities are common to many removal actions. These include:

- Sampling drums, storage tanks, lagoons, surface water, ground water, and the surrounding soil and air
- Installing security fences and providing other security measures
- Removing and disposing of containers and contaminated debris
- Excavating and disposing of contaminated soil and debris, and restoring the site
- Pumping out contaminated liquids from overflowing lagoons
- Collecting contaminants through drainage systems or skimming devices.

Other activities may include providing alternate water supplies, installing decontamination devices, evacuating threatened individuals, and providing temporary shelter.

Occasionally unforeseen circumstances, such as adverse weather conditions, vandalism, fire, or explosions arise and a "restart" is necessary. A restart is the initiation of additional removal activities at a site where there has been a previously completed removal. In FY 90, 34 restarts were completed. (In the descriptions of the removal actions, a restart is indicated by a +.)

When possible, EPA considers cost-effective removal action alternatives that use recycling or treatment of waste rather than disposal. This requirement promotes the use of cleanup technologies that reduce the toxicity, mobility, or volume of waste. In FY 90 alternative technologies were used at 31 sites as compared to their use at eight sites in FY 89.

Because each Superfund site and hazardous substance release is different, removal program activities vary widely specifically in methods of responses. Site-specific situations prompt different responses such as involvement of other Federal agencies, provision of alternate water supply, temporary relocation of residents, involvement of responsible parties, or involvement of the public. Specific examples of notable removal actions that were performed in FY 90 are described below.

NOTABLE REMOVAL ACTIONS OF FY90

Hooper Sands Site Region I

The Hooper Sands site consists of two property lots covering approximately 80 acres on the north and south sides of Hooper Sands Road in South Berwick, Maine. During the 1960s and 1970s, the Portsmouth Naval Shipyard, Portsmouth, Maine contracted with the owner of the two properties to transport and dispose of several thousands of gallons of shipyard oil sludge, waste chemicals, drummed oils, and hazardous substances. The owner placed these chemical wastes in eight trenches on the two properties and also stored approximately 140 55-gallon drums of waste oils and chemicals at this site.

Farmland and undeveloped forest land surround the site. More than 100 people reside in 36 homes within a half mile of the site and 20 residents live within 300 feet of the contaminated areas. All of these residents depend on well water for their drinking water.

The primary threat at this site was drinking water contaminated with halogenated hydrocarbons, and the potential for further migration of the contamination. At EPA's request, ATSDR analyzed well water sample data. ATSDR then issued a Health Memorandum for the site, stating that use of the well water posed a potential threat to human health.

EPA Region I mobilized to the site in October 1989. Region I sampled, overpacked, staged, and removed all containers of hazardous waste. Following the surface cleanup, EPA excavated, contained, and staged 3,000 yards of soil contaminated with dichlorobenzene and other contaminants. Approximately 1,300 cubic yards of soil were treated using low temperature thermal desorption during a 24 hour/day operation. The USCG Strike Team provided coverage for the OSC during the night shift. A layer of clay was placed over the excavated areas. The Maine Department of Environmental Protection (MDEP) conducted well monitoring and supplied the residents with bottled water.

In June 1990, EPA Region I was granted an exemption to the \$2 million statutory limit to continue removal actions at the Hooper Sands site. The additional funds were needed to provide an alternative water supply to affected residents.

EPA, the U.S. Navy, and the State of Maine participated in the final phase of the Hooper Sands removal action. The MDEP provided approximately \$614,000 for water exploration, well drilling, and

development of a new water source from the nearby North Berwick water system. The EPA will construct the waterline. The U.S. Navy agreed to undertake certain response actions and is negotiating an interagency agreement to reimburse EPA for the costs of the waterline construction. The result will be a permanent alternative drinking water supply for all threatened residents.

Forest Glen Subdivision Region II

Beginning in the 1950s, this former wooded wetland was used for waste disposal. In the early 1960s, the area was cleared and a creek was rerouted. Disposal activities continued during the sixties and early seventies. In 1973, the property was subdivided and developed into 51 mobile home properties and two residences. The neighborhood population grew to 150 people, with other residential and industrial areas becoming established nearby. Sewer and water line workers encountered resinous and powder-like waste, drums and batteries when working in the area. In June 1980, the Niagara County Health Department responded to a complaint concerning the presence of drum tops and resinous material on one residence at the site.

EPA first became involved in Forest Glen in 1987, following referrals from the State and County. Results of the EPA site investigations were sent to ATSDR in March 1989. ATSDR advised that residents be immediately disassociated from the health threats posed by the site contaminants, including aniline, phenothiazine, and benzothiazole.

The site was placed on the NPL on November 15, 1989, and removal actions began to address immediate concerns until the

remedial program could begin a long-term remedy. EPA gathered, staged, and stored drums of wastes which were in vacant areas north and east of the homes. EPA, in conjunction with the Federal Emergency Management Agency (FEMA), implemented a temporary relocation program which, by the time removal actions were complete, was agreed to by 75% of the residents. However, residents drafted their own proposal for relocation, and EPA is addressing the residents' concern. Other public protection measures implemented included daycare, and property security and maintenance. EPA sampled the interior of the homes for contaminants. ATSDR's review of the results found no health threat existed inside the homes. EPA implemented a voluntary interior cleaning program of upholstery and appliances for residents who were concerned. The State is providing the residents with health exams. Further cleanup at the site will be performed under the remedial program.

Avtex Fiber Site Region III

The Avtex Fibers site is a synthetic fibers manufacturing facility that ceased operations in November 1989. The facility is located on a 440-acre lot along the South Fork of the Shenandoah River in Front Royal, VA. Approximately 1,300 people live within one mile of the site.

The rayon production process used at the site generated sodium cellulose, viscose and zinc hydroxide (sulfate) sludge as waste by-products. Between 1940 and 1983, approximately 14 million cubic feet of waste viscose was placed in 11 unlined surface impoundments on site. After 1983, the liquid viscose was treated in an on-site wastewater treatment plant and the sludge was disposed of in

seven other on-site unlined basins. In 1988, EPA issued a Record of Decision (ROD) which indicated that some of the viscose basins had leaked and contaminated the ground water. EPA Region III performed a removal assessment in September 1989, and determined that the site posed a threat to the public and the environment.

On November 10, 1989, the Avtex plant closed after the State of Virginia revoked the wastewater discharge permit for the Avtex treatment plant. The State of Virginia was concerned with Avtex being a source of PCB contamination in the Shenandoah River. EPA Region III initiated emergency response actions to secure the site and dispose of the most imminent hazards, including carbon disulfide, acids, and chlorine cylinders. This emergency removal action lasted for seven months and included the removal of 4,000 tons of liquid hazardous substances in tanks and other vessels, off-site disposal of 3,000 tons of PCB-contaminated soil, and the treatment of 13 million gallons of contaminated stormwater and industrial wastewater. In addition, hundreds of containers of reactive, shock sensitive, and unknown laboratory chemicals, along with thousands of drums, were segregated, stabilized, and sent for disposal.

Shaver's Farm Site Region IV

Shaver's Farm, located in a rural residential area in northwest Georgia, is a site where approximately 3,000 drums containing herbicides and pesticides, latex, and other unknown materials were disposed in trenches in the early 1970s. EPA Region IV investigated the site in early 1988 and found high levels of pesticides in leachate from the site. Soil analysis disclosed that the site was contaminated with Dicamba and Benzonitrile, two potent pesticides

banned for use in the United States. Region IV performed geo-physical studies of the site with magnetometers and radio wave instruments, revealing 19 suspected trenches of buried drums.

In March of 1988, EPA entered into agreement with the Velsicol Chemical Company, generator of the pesticide wastes, to secure all hazardous wastes at the site. Velsicol began excavation and removal of buried drums in November 1989. EPA Region IV took responsibility for the removal action in February 1990, after Velsicol's actions resulted in emergency conditions at this site, including a potentially lethal release of hydrogen cyanide from an uncharacterized drum.

EPA Region IV immediately mobilized to the site to address the threats posed by the open excavation trenches that were overfilling with contaminated water. Approximately 600 drums had been excavated by the responsible party. These drums were left uncharacterized and staged in a flood plain. EPA provided on-site analytical laboratory support to perform drum content and soil analysis. EPA immediately mobilized a water treatment system to treat and discharge approximately 1 million gallons of pesticide-contaminated water that had accumulated in the trenches. More than 50,000 cubic yards of contaminated soil were excavated, and EPA constructed two lined containment cells to receive the soil. EPA also removed, classified, and segregated approximately 3,000 drums. The ultimate remediation of contaminated soils and disposal of drums will be the responsibility of Velsicol Chemical Company. The total project cost to date is \$4.8 million.

Southeast Rockford Ground Water Contamination Site Region V

The Southeast Rockford groundwater contamination site is a residential area of approximately two square miles in Winnebago County in the State of Illinois. This site has been on the NPL since March 1989. Although this area is located within the city limits, it is surrounded by County-owned property and, thus, was not serviced by the city water system.

In August 1989, EPA sampled two residential wells in this area and found the well water to be contaminated with high levels of volatile organic compounds. The residents were offered bottled water while a wider sampling program was planned. The OSC attended seven public information meetings, after encouraging attendance in the various neighborhoods affected by the sampling plan. Residents were informed of the potential hazards of drinking contaminated water, and of EPA's plans to sample residential wells. Approximately 200 homes were in the path of the contaminant plume containing hazardous levels of volatile organic compounds such as cis- and trans- isomers of 1,2-dichloroethylene.

In October 1989, EPA approved \$332,000 to mitigate the health threats posed by contaminated residential wells. Bottled water was supplied to approximately 185 homes while these homes were converted to point-of-use drinking water systems. An additional \$1,626,500 was designated for engineering support, materials, and labor costs associated with extending and connecting affected residences to the City of Southeast Rockford's municipal water supply system.

The contaminated area was divided into two zones for water main construction and nine zones for the plumbing work, allowing a variety of tasks to be undertaken simultaneously. EPA Region V managed the construction of more than 17,000 feet of municipal water mains, residential plumbing, well abandonment, road repair, and landscaping. EPA finished the project ahead of schedule while maintaining good relations with local citizens, the City of Southeastern Rockford, Illinois EPA, and Illinois Congressional officials.

Pagano Salvage Yard Region VI

From the early 1960s, the Pagano family operated a salvage yard on their property. They purchased salvageable materials from Federal facilities and recycled these materials in a residential area in Los Lunas, Valencia County, New Mexico. Some of the purchased materials included transformers, capacitors, and drums. Some of the transformers, capacitors, and 55-gallon drums may have leaked fluids containing PCBs onto the soil. Pagano salvage yard reportedly used some of the fluids as fuel to enhance the burning of insulated copper wire. These operations may have caused the release of PCBs into the local environment.

In September 1984, the New Mexico Environmental Improvement Division (NMEID) inspected the site. They found levels of PCBs exceeding EPA's Action Level of 50 ppm over most of the Pagano property to depths extending from one to two and one half feet. The operator determined that the source of PCB contamination was from one "lot" of salvage purchased from Sandia National Laboratories (SNL) in mid-1983. SNL was notified of the PCB contaminated "lot" and they then removed the capacitors from the Pagano

Salvage Yard, in June 1985, and sampled the rest of the drums in that "lot." When the analysis confirmed PCBs in the drums as well, SNL removed the contaminated drums at a later date.

In September 1985, EPA Region VI sampled the soil to assess the immediate threat to the public health, welfare, and the environment. The site was proposed for inclusion on the NPL in June 1988.

An Action Memorandum was signed on March 23, 1989, and on June 20, 1989, EPA's Emergency Response Branch (ERB) began on-site removal operations. The Enforcement Branch identified seven potentially responsible parties (PRPs). Notice Letters were sent to all seven PRPs allowing them the opportunity to participate in the removal action. The PRPs declined to undertake the removal action.

In June 1989, EPA's Enforcement Branch issued a CERCLA Section 106 Unilateral Administrative Order to the PRPs, requiring them to perform the removal. Although none of the PRPs agreed to perform the removal, some expressed an interest in funding the action. Consequently, a preliminary agreement was negotiated whereby EPA would conduct the cleanup and the PRPs would eventually reimburse the EPA for total project costs. Negotiations continue between the PRPs, EPA, and the Department of Justice (DOJ).

The entire property was organized into sections and then into grids of 20 by 20 feet. These grids were further divided into four smaller grids each measuring 10 by 10 feet. Access by excavation equipment and dump trucks was controlled, because the site was located in a residential neighborhood, by barriers. The entire site was excavated to a depth of 10 inches below the original grade and

samples from each grid were analyzed on-site. If the results showed levels of contamination above the permissible limit of 10ppm, excavation continued in that grid. To ensure the validity of the on-site analysis, duplicate samples were sent to a laboratory for analysis. EPA's Environmental Response Team (ERT) provided analytical services on-site. Additional core sampling revealed contamination at depths of more than six feet. The removal action was expanded to continue the sampling/excavation procedure and disposal of material off-site.

Approximately 5,100 tons of soil and debris were disposed of off-site and approximately 4,900 cubic yards of "native" soil were restored to the site.

FEMA, EPA's ERT, the State of New Mexico-Environmental Improvement Division, the Middle Rio Grande Conservancy Division, Valencia County Highway Patrol, Fire and Police Departments, and the Library and Village Administration of Los Lunas all contributed to this successful removal action.

The entire source of contamination was effectively removed and the site no longer poses a short- or long-term threat to the public or environment. Region VI signed a "No-Action" ROD for the site and is currently in the process of deleting the site from the NPL.

Kramer Drum Site Region VII

The Kramer site in Elvins, Missouri was an unlicensed dump site from 1973 to 1982. In 1982, when the Missouri Department of

Natural Resources (MDNR) ordered the owner to stop accepting waste and to clean up the site, the owners partially complied. MDNR research revealed that 876 drums were disposed of at the site by the two principal generators of the waste. Drum contents included various paint wastes, adhesive sludge, asbestos marinate, methanol, methyl ethyl ketone, propanol, and toluene.

In April of 1990, the EPA entered negotiations to arrange for the dumpsite owners as well as the waste generators to clean up the site. These negotiations were nearly complete when the site caught fire on June 14, 1990.

The Elvins Volunteer Fire Department responded to the incident but was forced away by the noxious smoke and by exploding and shooting drums. EPA Region VII was notified of the fire on June 15, 1990, and responded the same day. The fire was emitting smoke 50 feet into the air, drifting to the north-northeast. EPA immediately began covering the fire with dirt, working around the clock until the fire was extinguished by midday on June 16. Throughout the firefighting phase, EPA monitored the air at the perimeter of the site and at some residences north of the site.

The removal action was continued in order to segregate and overpack the drums of hazardous materials and stabilize the site. The drum excavation that followed the fire revealed many drums below the surface of the ashes and soil. All leaking drums were overpacked for safe transport to an approved disposal facility. The clean-up contractor hired by the PRPs (the dumpsite owner and the waste generators) arrived on June 21, 1989 to take over clean-up actions.

Limon Elevator Region VIII

A tornado, which ravaged the town of Limon, Colorado on June 4, 1990, leveled a grain elevator located in the town. In the rubble of the elevator, numerous containers of pesticides and other agricultural products were found. Several of the pesticides were EPA-banned pesticides. Hazardous substances leaked from several containers, and three shock sensitive gas cylinders were discovered. Limon, a town of 1,800 people, has a major road and railroad close to the site. The site posed an explosion threat from the gas cylinders, and ingestion, inhalation, and direct contact threats from the other materials. The State of Colorado requested assistance from EPA Region VIII after unsuccessful attempts to identify the owners.

EPA's first action was to neutralize a chemical reaction which was releasing Phosphine gas, an unusually reactive and poisonous substance which attacks the respiratory and nervous system. EPA then evacuated the area. Response personnel entered in personal protective gear to remove the cylinders and detonate them safely. Containers of hazardous materials were recontainerized, stabilized, and sent to an incinerator. Pond water in an auger pit was pumped and sampled. Contaminated soil was excavated and disposed, while the excavated area and pond were backfilled. One drum, containing Gallotox, could not be incinerated and disposal facilities would not accept the drum because of its high mercury content.

Buck's War Surplus Site Region IX

Buck's War Surplus is a military surplus business located on a 2.5 acre site in an industrial/commercial area of North Las Vegas, Nevada. Over several years this business purchased military material from surplus auctions held by the Defense Reutilization and Marketing Service (DRMS). The site consists of a small office and a large outside storage area that contained approximately 2,000 small containers of military surplus reagents, paints, epoxies, oils, and decontamination agents; and about 300 55-gallon drums of oil and grease. Batteries containing hazardous materials also were stored on site. Extreme temperature variations contributed to the degradation of many of the containers.

On May 3, 1990, the Nevada Division of Environmental Protection conducted a site visit at Buck's War Surplus. They noted that a large number of these containers were leaking, rusting, and staged haphazardly. Many of the containers were unlabeled.

On June 11, 1990, the EPA Region IX's Emergency Response Section and the Clark County Fire Department conducted a preliminary assessment at the site. Sampling data indicated the presence of corrosive, flammable, oxidizing, and water reactive compounds. EPA determined that a removal action was necessary due to significant threats from toxic fumes and the potential for explosion.

EPA Region IX secured and stabilized the site by sampling, bulk-ing, overpacking, and staging all hazardous materials. During

negotiations among the Department of Justice, EPA, and the Department Of Defense (DOD), it was decided that DOD would transport and dispose of all materials.

As of August 1, 1990, no formal cleanup agreement had been reached between EPA and DOD. Several of the staged drums began to expand and deform in the summer heat. EPA remobilized to the site in response to the increased potential for drum failure. EPA transported offsite and disposed of 489 drums. An additional 56 drums containing flammable liquids were pumped out and the material transported offsite via a vacuum-truck. In September of 1990, the Defense Logistics Agency (DLA) agreed to obligate funds to EPA for removal activity costs. DLA then employed a contractor to remove and dispose of the remaining 482 drums from the site.

In October of 1990, DLA reimbursed EPA for more than \$600,000 in response costs incurred at the site. To date, Region IX has conducted 11 CERCLA removal actions involving hazardous substances that originated as military surplus items sold at DOD auctions. Region IX has responded to nine hazardous military surplus sites at a cost of more than \$1,600,000. This site is a model for how DOD and EPA can work together to reach an agreement and abate an environmental threat.

Bunker Hill Site Region X

The Bunker Hill NPL site is spread over a 21 square mile area in Shoshone County, Idaho, with a population of approximately 5,000 people. Bunker Hill Mine was a producer of lead and zinc ore for

more than 100 years, and engaged in lead and zinc milling, lead smelter operations, and various other mining activities. The Bunker Hill Mine closed in 1981. Studies completed in the 1970s showed high levels of lead in the soil in the mine complex as well as in the blood of young children in the area.

In March 1986, EPA Region X performed an emergency action to remove contaminated soils in public areas, to help protect young children from exposure to lead-contaminated soils. EPA removed contaminated soil and replaced it with clean soil in 16 areas, including school yards, playgrounds and unpaved streets.

In March 1989, ATSDR indicated that children 0-12 years of age and pregnant women were the sub-populations at the most immediate risk to lead-contaminated soils. The younger the child, the greater the danger. As a result of ATSDR findings Region X began a new removal action to address residences where very young children were exposed to contaminated soil. This removal was conducted in phases, beginning with properties with the highest lead contamination (greater than 500 ppm) and the youngest children (those aged 0-3 years). By late 1989, contaminated soil from 83 properties was removed and replaced with clean soil.

By October 1990, 131 more residential properties were excavated to remove contaminated soil and regraded with clean soil, bringing the total to 214 properties. In addition, some public areas such as playgrounds, school yards, and unpaved streets were excavated and regraded. This project replaced 53,000 tons of soils and more than a million square feet of sod. The Superfund remedial program is conducting further work at this site.

THE PROGRAM TO DATE

From December 1980 through September 1989, EPA and USCG completed 1,309 removal actions at an extramural cost of \$327,679,492. From October 1989 through September 1990, EPA completed 189 removal actions at an extramural cost of \$63,128,630. In addition, USCG completed 12 removal actions. Total Superfund removal completions and associated costs for the period December 12, 1980 through September 30, 1990 are as follows:

Total Completions	
NPL*Site	411
Non-NPL Sites	1,099
Total	1,510

Total Costs of Removals

NPL*Site	\$150,354,204
Non-NPL Sites	\$240,453,918
Total	\$390,808,122

* NPL - List of nationwide priority hazardous waste sites requiring comprehensive, long-term actions under Superfund.

HOW TO USE THIS REPORT

This Fifth Annual Report summarizes Fund-financed removal activities completed during the tenth year of the Superfund program. This report is presented as a series of matrices that are organized numerically by Region and alphabetically by State and site name within each Region. It contains the same types of information included in all previous annual reports. EPA intends to continue providing this information in future updates. The list of removal actions completed in FY 90 is based on data contained in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) as of April 9, 1991. The CERCLIS data was then verified and amended by each Regional Removal Program Office. (Very short, low-cost USCG actions, such as retrieving a drum that has washed up on a beach, are not summarized but are included in the totals.)

The last section of the report contains an index of all removal actions completed by September 30, 1989, listed alphabetically by State, and then by site name. This list also provides information on the site's NPL status and the previous annual report in which the site is described. Additionally, a summary list of all FY 90 removal completions (including small, low-cost USCG cleanups) is included for each Region. These ten summary lists provide information on the NPL status of a site and whether or not the site was a Classic Emergency. (Classic Emergencies are those actions where the release requires that on-site activities be initiated within hours of the lead agency's determination that a removal action is appropriate.)

Inquiries regarding information contained in this document should be referred to the appropriate EPA Regional office. A list of EPA contacts and a map delineating the States and territories within each Region are provided in this report.

Much of the work EPA and USCG undertake in response to releases of hazardous substances is highly technical. Definitions of the information provided in the matrices are presented in the key below.

**Key to Superfund Emergency
Response Actions
Fifth Annual Report**

Data

1. REGION: EPA Regions I, II, III, IV, V, VI, VII, VIII, IX
2. NAME/LOCATION: Site name and local jurisdiction
3. CATEGORY (INCIDENT):
 - Active Production Facility - any ongoing operation which manufactures, recycles, handles, stores, or transports hazardous materials or waste as a primary ingredient, product, by-product of operations, or any location contaminated due to off-site migration of hazardous materials or wastes from such ongoing operations.
 - Inactive Production Facility - any facility no longer in operation, which manufactured, recycled, handled, stored, or transported hazardous materials or wastes as a primary ingredient, product, by-product of operations, or any location contaminated due to off-site migration of hazardous materials or wastes from such previous operations.
 - Active Waste Management Facility - any ongoing operation or site whose primary purpose is to handle, exchange, transfer, store, treat, or dispose of hazardous materials or wastes, or any location contaminated due to off-site migration of hazardous materials or wastes from such a facility or site.
 - Inactive Waste Management Facility - any former operation or site whose primary purpose was to handle, exchange, transfer, store, treat or dispose of hazardous materials or wastes, or any location contaminated due to off-site migration of hazardous materials or wastes from such a facility or site.
 - Midnight Dump - any illegal dumping of hazardous substances into the air, land, water, or other element, whether accidental or deliberate.
 - Transportation-Related - any release of potential release of hazardous substances due to a transportation accident or malfunction.

- Other - any release of hazardous substances which does not conform to any of the above categories and/or where sources of contamination are unknown.

Non-Volatile Organics
Pesticides
Waste Oil
Toxic Gases

4. STATE: Standard state abbreviation

5. NPL STATUS: (Y) Yes - on proposed or final NPL when action started

(N) No - not on proposed or final NPL when action started

Metals
Acids
Bases
Solvents
Inorganic Waste
Low-Level Radioactive Waste

6. COST: Extramural costs, which include cleanup contractor costs as reported by the Regions. Costs are subject to changes as final invoicing and data entry occur. Cost is cumulative for these actions and prior completions.

11.

11. THREAT CATEGORY:

7. START DATE: The date an Action Memorandum was signed.

Air Contamination
Biological Threat

8. COMPLETION DATE: The date the contractor was demobilized.

Direct Contact - dermal, ingestion, inhalation, non-specific
Drinking Water Contamination

9. SITE DESCRIPTION: A brief account of site events or conditions necessitating a response action.

Ecological Damage
Fire/Explosion Hazard
Food Chain Contamination
Ground Water Contamination
Soil Contamination
Surface Water Contamination
Wetlands Contamination

10. PRIMARY CONTAMINANTS CATEGORY:

- Arsenic
- Dioxin/Furans
- PCBs
- Asbestos
- Cyanide

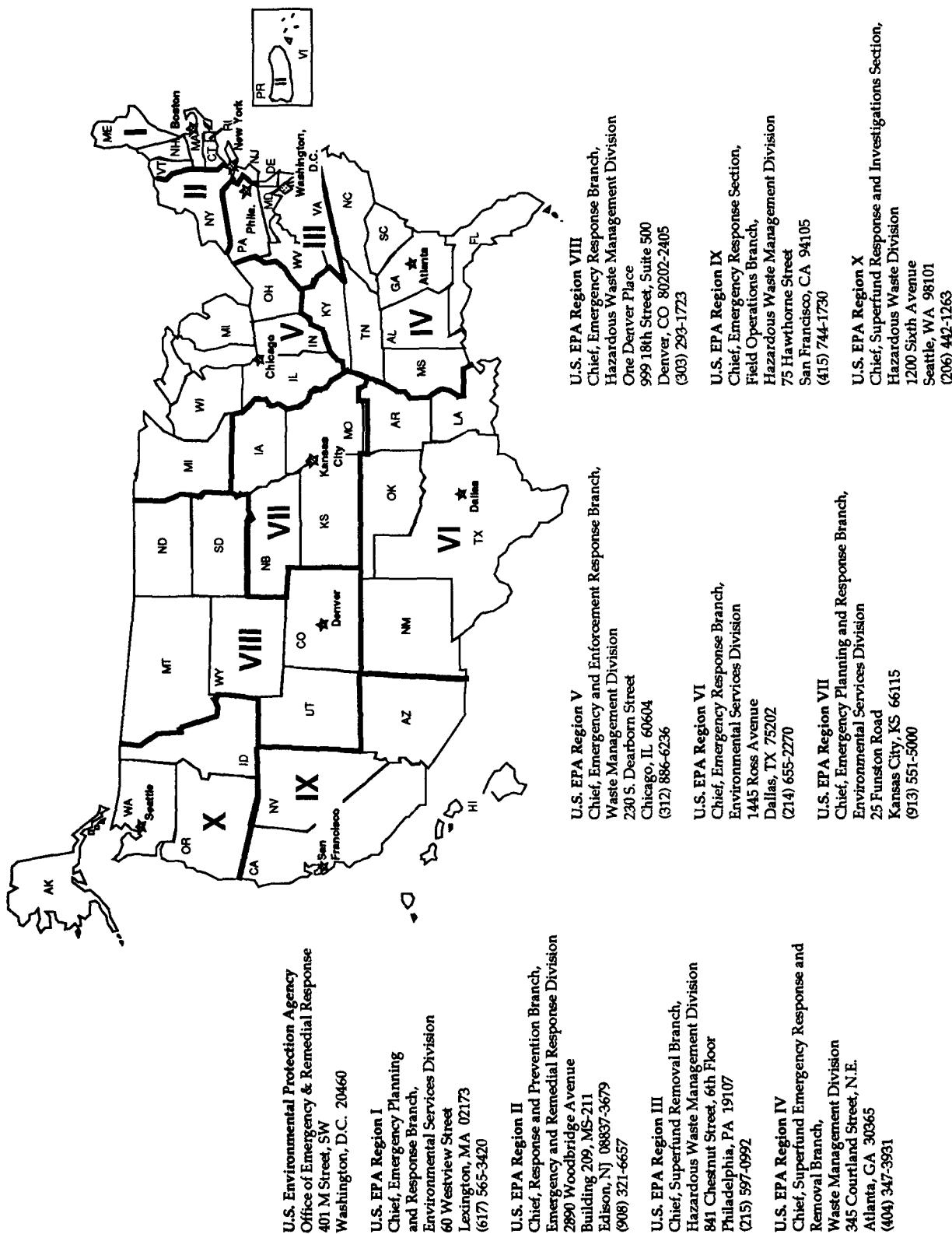
12. MITIGATIVE ACTIONS:

- Migration control - specific measures used to control or eliminate contaminants from migrating off site

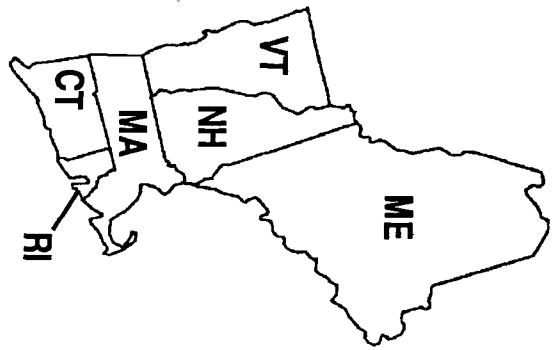
- **Provision of alternate water supplies** - temporary or permanent
 - **Temporary relocation/evacuation** - of nearby populations
 - **Controlling source of threat**
 - overpacking: sealing open containers and putting leaky, corroded containers of hazardous substances into new containers
 - reducing volume of hazardous substances in lagoons/containment areas
 - isolating incompatible substances
 - covering/capping: surface containment of airborne threats, landfills, lagoons, hazardous materials
 - extinguishing a fire
 - bulking materials
 - solidifying materials
 - neutralizing materials
 - collecting and/or retaining contaminants
 - Excavation - soil, contaminated materials, containers
 - Site restoration - backfilling, grading, seeding, repaving
 - Treatment/disposal of wastes - all treatment/disposal done in accordance with applicable hazardous waste management regulations
- **Alternative Technology (AT) Indicators** - alternatives to land disposal may be used to treat or dispose of wastes in accordance with applicable hazardous waste management regulations:
 - **Recycling** - treats or processes hazardous waste to recapture material that may be reused in manufacturing and other processes
 - **Thermal Destruction** (e.g., incineration) - destroys or reduces wastes to a safer concentration through heat application
 - **Stabilization** (e.g., cement-based techniques) - treatment method that limits solubility or toxicity of hazardous waste constituents
 - **Chemical** (e.g., chemical oxidation) - addition of chemical compounds to hazardous waste to destroy or neutralize hazardous waste constituents
- other (specified).

- Physical Phase Separation (e.g., gravity separation) - physical process whereby solids or oil are removed from liquid
- Physical Component Separation (e.g., air stripping) - physiochemical process involving ionic separation or separating dissolved solids from liquid
- Biological (e.g., activated sludge) - use of microorganisms to degrade organic compounds
- Other (e.g., installing a ventilation system, detonation) - any mitigative actions which do not conform to the above categories.

U.S. EPA REGIONAL BREAKDOWN



U.S. EPA REGION I



For Information Contact:

**Chief, Emergency Planning
and Response Branch,
Environmental Services Division**
60 Westview Street
Lexington, MA 02173
(617) 565-3420



REGION I FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
CT	CHESTNUTIS PROPERTY	BEACON FALLS	N	
MA	ASHLAND DRUM SITE MERIT OIL COMPANY	ASHLAND NATICK	N N	X
ME	EASTERN SURPLUS CO ISLAND VIEW STREET SITE SEAWAY BOAT	MEDDYBEMPS SACO WINTHROP	N N N	
NH	OTTATTI & GOSS/KINGSTON STEEL DRUM	KINGSTON	F	
VT	SPRINGFIELD SANDPITS	SPRINGFIELD	N	
USCG SITES				
MA	HIGH HEAD SOUTH SHORE WOODS HOLE	PROVINCETOWN MARTHAS VINEYARD WOODS HOLE	N N N	

TOTALS FOR REGION I:	
Number of Removal Completions ...	11
NPL Sites	1
Classic Emergency Sites.....	1
Total Cost for FY 90 (excluding USCG sites)	\$4,026,297

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION I

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CHESTNUTS PROPERTY CATEGORY: OTHER CITY: BEACON FALLS STATE: CT NPL: N COST: \$1,750,000.00 EVENT: RV1 START: 06/26/89 COMPL: 07/06/90		This site is comprised of a parking lot of an auto restoration shop and a portion of an adjacent residence. Preliminary site assessments in 1980-1981 indicated the presence of metals and various volatile organic chemicals (VOCs) in the soil. An additional site assessment in 1988 indicated the same contaminants. A heavy rain storm created runoff water which had come into contact with the contaminated soil.	Benzene Toluene Chlorobenzene Pentane Polychlorinated Biphenyls Dichlorobenzene (mixed) Trichloroethane Tetrachloroethane	Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Cover/ Cap Excavation Migration Control Overpacking Containers Pump, Drain surface Stage Containers On Site Containment Capping
NAME: ASHLAND DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ASHLAND STATE: MA NPL: N COST: \$154,361.00 EVENT: RV1 START: 06/12/89 COMPL: 05/07/90		This site is located within the work area of the Nyanza Remedial Site. From 1910-1979 the area of the present Nyanza site was occupied by a number of textile dye manufacturing companies. A drum disposal area was discovered during remedial operations and this area comprises the Ashland Drum Site. Excavation of the area uncovered 250 drums.	Ethylbenzene Xylene, p- Xylene, m- Toluene Benzene Trichloroethylene Xylene, o- Nitrobenzene	Direct Contact: Non-Specific Drinking Water Contamination Ground Water Contamination Soil Contamination Surface Water Contamination	Excavation Overpacking Containers Stage Containers On Site Containment
NAME: MERIT OIL COMPANY* CATEGORY: MIDNIGHT DUMP CITY: NATICK STATE: MA NPL: N COST: \$5,000.00 EVENT: RV1 START: 08/09/90 COMPL: 08/09/90		Two plastic containers were found abandoned at a gasoline station by the employees. The containers were identified as two five-gallon containers consisting of a reddish-purple liquid and marked "tissue culture waste."		Direct Contact: Ingestion	Incineration/ Thermal Destruction

⁺ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION I

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EASTERN SURPLUS CO CATEGORY: INACTIVE WASTE MGMT FAC CITY: MEDDybemps STATE: ME NPL: N COST: \$1,540,000.00 EVENT: RV1 START: 11/20/86 COMPL: 07/28/90	This site was a storage facility containing scrap metal, military equipment, 55-gallon drums, compressed gas cylinders, transformers, 10-gallon containers of hazardous materials, and a trailer of calcium carbide. Many of the containers had deteriorated and leaked onto the ground. Two PRPs eventually took responsibility for the disposal of some of the containers found on site. The trailer of calcium carbide was returned to the original manufacturer.	Toluene Polychlorinated Biphenyls Nitrotoluene, m-Calcium Carbide Hydrogen Chloride Phosphoric Acid Oleum Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination Soil Contamination	Overpacking Containers Off Site Disposal Incineration/ Thermal Neutralize Materials
NAME: ISLAND VIEW STREET SITE CATEGORY: OTHER CITY: SACO STATE: ME NPL: N COST: \$100,000.00 EVENT: RV1 START: 08/06/90 COMPL: 08/17/90	The site consisted of a partially burned two story house, a shed, and an abandoned automobile. Prior to the removal the house was condemned by the city. A site investigation confirmed the presence of asbestos-containing materials under the front and back porches, in the shed, and in the automobile.	Asbestos	Direct Contact: Ingestion Landfill	
NAME: SEAWAY BOAT CATEGORY: ACTIVE PRODUCTION FACILITY CITY: WINTHROP STATE: ME NPL: N COST: \$367,436.00 EVENT: RV1 START: 02/27/89 COMPL: 06/15/90	Boat building operations were conducted at the site from 1984-1988. Since 1988 the main building on the site has been used as a retail fruit and vegetable store and is currently occupied by a company that paints and refurbishes commercial refrigeration units. A site inspection revealed 340 drums on site, some upright but the majority lying on their sides.	Ethylbenzene Styrene Toluene Tetrachloroethylene Acetone Trichloroethane Lead Methyl Chloride Dichloromethane	Direct Contact: Derma Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination	Overpacking Containers Stage Containers On Site Containment Alternate Water Supply

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

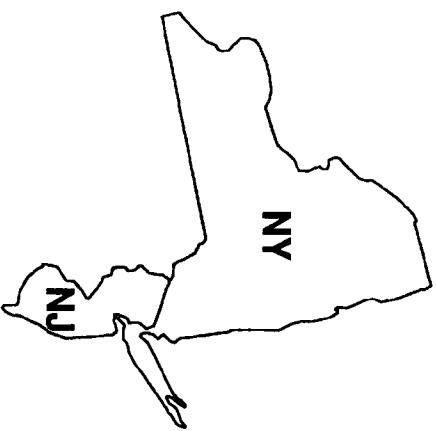
REGION I

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: OTTAWA & GOSS/KINGSTON STEEL DRUM CATEGORY: INACTIVE WASTE MGMT FAC CITY: KINGSTON STATE: NH NPL: Y COST: \$34,500.00 EVENT: RV2 START: 06/23/89 COMPL: 02/15/90	<p>This site is a former sand and gravel pit used for drum disposal. Between 1978 and 1980, it was used as a drum recycling, cleaning, and storage operation. On site were approximately 4,375 drums of organic wastes in various stages of deterioration. Some were uncovered, leaking and overflowing. Surface water and ground water, both on and off site, were contaminated.</p>	Ethylbenzene Toluene Bis(2-Ethylhexyl)phthalate Trichloroethane Isophorone Trichloroethylene Naphthalene, molten	Direct Contact: Non-Specific Drinking Water Contamination Fire/Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Excavation Overpacking Containers Stage Containers On Site
NAME: SPRINGFIELD SANDPITS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SPRINGFIELD STATE: VT NPL: N COST: \$75,000.00 EVENT: RV1 START: 06/21/89 COMPL: 01/12/90	<p>The Springfield Sandpit site was used as a dumping area for coal tar waste products which originated from a coal gasification plant. The dumping is believed to have occurred during the 1930s through 1950s. Past activities at the site also have included using sections of the site during the construction of an interstate highway and using the sand for making molds and for the test firing of weapons.</p>	Ethylbenzene Styrene Xylene, p- Xylene, m- Toluene Anthracene Pyrene Phenanthrene Fluorene	Direct Contact: Non-Specific Ground Water Contamination Soil Contamination	Collect/ Retain Contaminants Excavation Containment

+ A removal action was previously completed at this site.
 * This is a C-List Emergency removal action.

U.S. EPA REGION II



For Information Contact:

**Chief, Response and Prevention
Branch, Emergency and Remedial
Response Division**
**2890 Woodbridge Avenue
Building 209, MS-211
Edison, NJ 08837-3679
(908) 321-6657**



REGION II FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC* EMERGENCY
NJ	BOG CREEK FARM CHEMICAL INSECTICIDE CORP DANNA ESTATES DUFFIELD AVENUE ELLIS PROPERTY FRANKLIN BURN SITE #1 FRANKLIN BURN SITE #2 HEALEY MUSPY G HOLLY CHEMICAL CO. INDUSTRIAL LATEX + KING OF PRUSSIA MONTGOMERY TOWNSHIP HOUSING DEV NL INDUSTRIES INC. + NORTH HALEDON RARITAN CENTER - AREA 4 RARITAN CENTER - AREA 5 WHITE CHEMICAL	HOWELL TWP EDISON TWP DEERFIELD JERSEY CITY EVESHAM TWP MALAGA FRANKLINVILLE NEWARK MT. HOLLY WALLINGTON WINSLOW TWP MONTGOMERY TWP MONTGOMERY TWP PEDRICKTOWN (OLDMANS TWP) NORTH HALEDON EDISON EDISON NEWARK	F F N N F N N N N N N N N N N F F F F F F F F F F F F F F F N N N N N N N N N N N N N N N N	X
NY	ANDOR CHEMICAL ARSENIC MINES BERN METALS + BOYLE RD. BROOK HAVEN BLVD. ELECTRO PROCESS INC. ENVROTEK EXPRESSWAY VILLAGE FULTON TERMINALS GASPORT ELEM SCHOOL JOHNNY CAKE ROAD FARM MIDDLEPORT ELEM SCH RADUM CHEMICAL SALAMANCA DRUM SITE UNION ROAD SITE	BRADFORD KENT BUFFALO BROOKHAVEN PORT JEFFERSON STATION LACKAWANNA TONAWANDA TOWN OF NIAGARA FULTON GASPORT DANUBE TWP LONG ISLAND MIDDLEPORT WOODSIDE, QUEENS, NYC SALAMANCA CHEEKETOWAGA	N N N N N N N N N N F N N F X X X X	

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION II FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
VI	CARIBE HOME CENTER SOUTH GATE FARM VI DEPT OF AGRICULTURE	ST. CROIX ST. CROIX ST. CROIX	N N N	
USCG SITES				
NY	NIAGARA RIVER	UNKNOWN	N	
TOTALS FOR REGION II:				
	Number of Removal Completions	37		
	NPL Sites	9		
	Classic Emergency Sites.....	5		
	Total Cost for FY 90 (excluding USCG sites)	\$11,475,251		

⁺ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BOG CREEK FARM	CATEGORY: OTHER CITY: HOWELL TWP STATE: NJ NPL: Y COST: \$25,000.00 EVENT: RV1 START: 03/15/90 COMPL: 09/24/90	Bog Creek is a privately owned 12 acre property in a rural area. Between 1973 and 1974, solid and liquid chemical wastes and sludges were disposed of on site in open areas and excavated pits. These contaminants were leaching into a nearby brook and groundwater aquifer. Complaints were made about odors.	Sludges Metals Volatile Organics Semivolatile Organics	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Soil Contamination Surface Water Contamination	Temporary Relocation On Site Disposal
NAME: CHEMICAL INSECTICIDE CORP	CATEGORY: INACTIVE PRODUCTION FACILITY CITY: EDISON TWP STATE: NJ NPL: Y COST: \$7,000.00 EVENT: RV3 START: 09/13/90 COMPL: 09/21/90	The Chemical Insecticide Corp (CIC) site encompasses 4.54 acres of a mixed commercial/residential area. CIC is an abandoned pesticide manufacturing facility with highly-contaminated surface and subsurface soils. The drainage is accessible to the public and poses a significant threat.	Ethylbenzene Toluene Carboilic Oil 1,2-Ethanediylbiscarbamodi 1,2,4-Trichlorobenzene 2,4,-Dichlorophenol Malathion Maneb Caustic Soda Solution	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination	Equipment Installation Containment
NAME: DANNA ESTATES	CATEGORY: OTHER CITY: DEERFIELD STATE: NJ NPL: N COST: \$58,000.00 EVENT: RV1 START: 03/08/88 COMPL: 01/10/90	This site was comprised of private homes which exceeded the maximum safe level for mercury.	Mercury	Direct Contact: Ingestion Direct Contact: Derma Drinking Water Contamination	Alternate Water Supply
NAME: DUFFIELD AVENUE*	CATEGORY: TRANSPORTATION RELATED CITY: JERSEY CITY STATE: NJ NPL: N COST: \$270,000.00 EVENT: RV1 START: 12/22/89 COMPL: 04/11/90	A 40-foot trailer was abandoned in an industrial section of Jersey City. Due to missing tires and inoperable brakes, the trailer could not be moved. Upon inspection, bags and small containers of textile dyes, flammable liquids, and pesticides were found in the trailer.	Arsenic Trioxide DDT Methyl Alcohol Camphene, octachloro- 2-(2',4',5'-Trichlorophenoxyacetic 2,4-Dichlorophenoxyacetic	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Bulk Wastes Overpacking Containers Incineration/ Thermal Destruction Recycling

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ELLIS PROPERTY CATEGORY: INACTIVE WASTE MGMT FAC CITY: EVERSHAM TWP STATE: NJ NPL: Y COST: \$190,000.00 EVENT: RV1 START: 03/13/89 COMPL: 04/19/90	<p>The Ellis Property was a 36-acre site surrounded by a semi-rural farming area and low density housing. The Ellis Property operated as a drum recycling facility from 1968 to 1974. Ground water and surface water contamination were suspected. Several hundred drums were spread haphazardly around the site.</p>	Polychlorinated Biphenyls Barium Cyanide Lead Arsenic Dust Chromium Hydrogen Chloride Trichloroethylene	Direct Contact: Dermal Fire/ Explosion Hazard Ground Water Contamination Surface Water Contamination	Overpacking Containers Incineration/ Thermal Destruction Recycling	
NAME: FRANKLIN BURN SITE #1 CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MALAGA STATE: NJ NPL: N COST: \$174,000.00 EVENT: RV1 START: 09/20/89 COMPL: 09/27/90	<p>The Franklin Burn Site No. 1 was a vacant lot surrounded by dense woods in a rural area. For more than 20 years the site was used as a copper extraction operation. Electric wires, capacitors, and transformers were burned to recover copper. An unknown number of people live in trailers approximately 20 feet from the site.</p>	Aroclor 1260 (pcb) Lead Mercury Nickel Powder Silver Beryllium Dust Cadmium Chromium Copper	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Soil Contamination	Migration Control Solidify Materials Containment	
NAME: FRANKLIN BURN SITE #2 CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FRANKLINVILLE STATE: NJ NPL: N COST: \$138,000.00 EVENT: RV1 START: 09/20/89 COMPL: 09/27/90	<p>The Franklin Burn Site No. 2 was a blackened, ash area completely free of any vegetation. The site was located approximately 300 feet along a dirt road in a rural/remote area. The closest residential area is within a half mile radius. Five thousand square feet of the site was covered with three feet of ash. The soil was contaminated with a number of hazardous substances. The site was used for more than 20 years as a copper extraction operation.</p>	Aroclor 1260 (pcb) Lead Mercury Nickel Powder Silver Cadmium Chromium Copper Zinc	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Soil Contamination	Migration Control Solidify Materials	

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HEALEY MUSPYG CATEGORY: INACTIVE PRODUCTION FACILITY CITY: NEWARK STATE: NJ NPL: N COST: \$305,000.00 EVENT: RV1 START: 08/08/89 COMPL: 09/06/90	The Jay E. Healey/Muspyg Facility (H/M) was originally a dental products manufacturing and distributing firm. The firm was located in a heavily populated area. H/M leased part of the warehouse to Signo Trading LTD., which allegedly stored hazardous waste at the site. The hazardous substances were discovered after responding to a series of fires (non-arson) set by trespassers.	Caustic Soda Solution Formaldehyde Solution Chloroform Trichloroethane Vinyl Chloride Dichloromethane Phosphoric Acid Hydrogen Fluoride Sulfuric Acid	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Overpacking Containers Solidify Materials Stage Containers On Site Incineration/ Thermal Destruction Pump And Treatment
NAME: HOLLY CHEMICAL CO. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MT. HOLLY STATE: NJ NPL: N COST: \$132,000.00 EVENT: RV1 START: 10/12/89 COMPL: 04/20/90	The Holly Chemical Co. was an abandoned chemical repackaging and distribution facility located in a light industrial/residential area that was destroyed in a fire. More than 10,000 people lived within a one-mile radius of the facility. Contaminants included 89 containers of liquids and powders, chlorine gas cylinders, and one tank truck containing 1,000 gallons of water and soil runoff from the fire.	Sodium Hypochlorite Propargyl Alcohol Tetrachloroethylene Caustic Soda Solution Benzene/dimethyl Methyl Alcohol Isopropyl Alcohol Acetone Hydrogen Chloride	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Bulk Materials Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site Incineration/ Thermal Destruction Pump And Treatment
NAME: INDUSTRIAL LATEX+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: WALLINGTON STATE: NJ NPL: Y COST: \$6,800.00 EVENT: RV5 START: 01/24/90 COMPL: 01/26/90	This company manufactured chemical adhesives, solvents (hydrocarbons), acrylic resins, silicates, pigments. There was apparent soil contamination due to leakage.	Polychlorinated Biphenyls Xylene Benzene Toluene Ethyl Benzene Cyclohexane 2-Pentanone Tetrahydrofuran Methylcyclopentane	Direct Contact: Inhalation	Installed Fence

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: KING OF PRUSSIA CATEGORY: INACTIVE WASTE MGMT FAC CITY: WINSLOW TWP STATE: NJ NPL: Y COST: \$439,000.00 EVENT: RV1 START: 09/12/89 COMPL: 09/06/90	<p>The King of Prussia Site was a 10-acre, abandoned, chemical waste treatment and disposal facility. Prior to the facility's closing in 1975, six lagoons were used to process waste oils and, at an undetermined time, plastics carboys and 600-700 drums were buried on-site. The presence of hazardous materials in the soil and ground water due to surface runoff had been confirmed.</p>	Waste Acid 1,2,4-Trichlorobenzene Ethylbenzene Lead Mercury Copper Zinc Copper Vinyl Chloride	Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Soil Contamination Surface Water Contamination Wetlands Contamination	Temporary Storage
NAME: MONTGOMERY TOWNSHIP HOUSING DEV CATEGORY: OTHER CITY: MONTGOMERY TWP STATE: NJ NPL: Y COST: \$141,500.00 EVENT: RV1 START: 09/13/88 COMPL: 01/05/90	<p>The Montgomery Township Housing Development was a 72-acre residential area. The 81 affected homes in this area utilized private wells for a potable water supply. Approximately 36 of these homes experienced potable well contamination.</p>	Trichloroethylene	Drinking Water Contamination Ground Water Contamination	Equipment Installation Excavation
NAME: MONTGOMERY TOWNSHIP HOUSING DEV CATEGORY: OTHER CITY: MONTGOMERY TWP STATE: NJ NPL: Y COST: \$318,500.00 EVENT: RV2 START: 04/23/90 COMPL: 09/28/90	<p>The Montgomery Township Housing Development was a 72-acre residential area. The 81 affected homes in this area utilized private wells for a potable water supply. Approximately 36 of these homes experienced potable well contamination.</p>	Trichloroethylene	Drinking Water Contamination Ground Water Contamination	Excavation Equipment Installation

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: NL INDUSTRIES INC. ⁺ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PEDRICKTOWN (OLDMAINS TWP) STATE: NJ NPL: Y COST: \$343,005.00 EVENT: RV2 START: 11/06/89 COMPL: 09/20/90	This site was a former secondary lead smelting facility. The ground water, surface water, and soil were extensively contaminated with heavy metals due to improper storage and other factors related to processing of spent batteries on site.	Lead Compounds Sodium Aluminum (fume Or Dust) Antimony Cadmium Copper Zinc Sodium Nitrate Sulfur (Liquid)	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site Recycling
NAME: NORTH HALEDON CATEGORY: OTHER CITY: NORTH HALEDON STATE: NJ NPL: N COST: \$723,000.00 EVENT: RV1 START: 10/14/88 COMPL: 09/21/90	Ground water contamination was observed in a residential community. Twenty-three residences, approximately 100 people, had been affected by the contamination. A machinery company was believed to be responsible for the contamination.	Tetrachloroethylene Benzene, dimethyl Carbon Tetrachloride Chloroform Trichloroethane Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Ground Water Contamination	Excavation Equipment Installation Pave Backfill
NAME: RARITAN CENTER - AREA 4 CATEGORY: OTHER CITY: EDISON STATE: NJ NPL: N COST: \$64,800.00 EVENT: RV1 START: 07/07/90 COMPL: 07/18/90	The Raritan Center consists of approximately 2,900 acres within what was formerly the Raritan Arsenal. From 1917 to 1963 the arsenal was used for extensive U.S. Army operations. The operations included the storage and decommissioning of ordnance (ammunition and related materials). During this period waste materials were destroyed by burning. Accidental explosions scattered explosive materials over large areas and drove fragments into the ground. Soil samples indicated contamination from these operations in the form of TNT and lead.	Lead TNT	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Ground Water Contamination	Excavation Equipment Installation

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: RARITAN CENTER - AREA 5 CATEGORY: OTHER CITY: EDISON STATE: NJ NPL: N COST: \$71,300.00 EVENT: RV1 START: 07/14/90 COMPL: 08/01/90	<p>The area of concern within Area 5 had a four foot high snow fence which had collapsed in several areas. There was a 20 foot buffer from the fence to the actual burial area. Many markers throughout the area denoted burial locations. There were dead trees and shrubs in the area. Soil samples from Area 5 showed positive indications of mustard gas. Raritan Center consists of approximately 2,900 acres within what was formerly the Raritan Arsenal.</p>	Mustard Gas Cyanides	Direct Contact: Ingestion Direct Contact: Inhalation Biological Threat Fire/ Explosion Hazard Ground Water Contamination	Equipment Installation
NAME: WHITE CHEMICAL* CATEGORY: INACTIVE PRODUCTION FACILITY CITY: NEWARK STATE: NJ NPL: N COST: \$150,000.00 EVENT: RV1 START: 09/07/90 COMPL: 09/21/90	<p>This site was a former manufacturer of acid chlorides and flame retardant compounds located in a heavily populated/industrial area. Site contained more than 9,000 55-gallon drums, several hundred cylinders, tanks and vats, carboys, boxes, and two laboratories containing thousands of lab packs. Improper management of the stored containers resulted in damaged, bulging, and open containers, numerous spills, and storage of ignitable waste. There was a potential risk for fire and/or an explosion.</p>	Benzyl Bromide Toluene Hydrogen Cyanide Dichloromethane Trimethylamine Hydrogen Chloride Phosphoric Acid Phosphorus Trichloride Phosphorus, white	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard	Overpacking Containers Stage Containers On Site

* A removal action was previously completed at this site.
 This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ANDOR CHEMICAL CATEGORY: ACTIVE PRODUCTION FACILITY CITY: BRADFORD STATE: NY NPL: N COST: \$1,500,000.00 EVENT: RV1 START: 01/29/90 COMPL: 06/12/90	<p>Andor Chemical Co. (ACC) is a now-defunct chemical repackaging company located within a half-mile radius of a town. The business occupied an old building in poor structural condition.</p> <p>The ground water, which was the sole source of drinking water for the town, was contaminated.</p> <p>There was evidence that chemicals had been disposed of by being poured into sinks and toilets by ACC.</p>	Xylene, m-Methyl Alcohol Isopropyl Alcohol Acetone Phosphorous, white	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Incineration/ Thermal Destruction Detonation Recycling Landfill
NAME: ARSENIC MINES CATEGORY: OTHER CITY: KENT STATE: NY NPL: N COST: \$62,620.00 EVENT: RV2 START: 03/01/89 COMPL: 01/10/90	<p>The ground water at the Arsenic Mine site was contaminated. Arsenic had contaminated two wells.</p>	Arsenic Dust	Direct Contact: Ingestion Ground Water Contamination	Alternate Water Supply
NAME: BERN METALS+ CATEGORY: INACTIVE WASTE MGMT FAC CITY: BUFFALO STATE: NY NPL: N COST: \$0.00 EVENT: RV3 START: 06/27/90 COMPL: 06/29/90	<p>This abandoned metal recovery facility was located in a mixed residential/light industrial area. The Bern Metals Site was an abandoned metal waste reprocessing and recycling industry. There were more than 150 drums scattered about the site. Many had been either dumped or were leaking. Piles of industrial debris also were scattered about the site.</p>	Lead Arsenic Dust Chromium Copper	Air Contamination Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Ground Water Contamination Surface Water Contamination	Containment Equipment Installation

⁺ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BOYLE RD.	Category: OTHER City: BROOKHAVEN State: NY NPL: N Cost: \$9,000.00 Event: RV1 Start: 09/23/88 Compl: 09/28/90	Contamination had been detected in at least three residential wells. Future plume migration could have affected other private wells.			
NAME: BROOK HAVEN BLVD.	Category: OTHER City: PORT JEFFERSON STATION State: NY NPL: N Cost: \$36,552.00 Event: RV1 Start: 07/21/89 Compl: 09/28/90	The Brook Haven Blvd site was a ground water contamination site. The homes in the area used private wells to obtain their potable water. Hazardous materials were detected in most of the wells.	1,2-Dichloroethane Chlorodibromomethane Tetrachloroethylene Chloroform Trichloroethane Methyl Chloride Vinyl Chloride 1,1-Dichloroethane Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Ground Water Contamination	Backfill Excavation Alternate Water Supply Equipment Installation Equipment Installation Pave
NAME: ELECTRO-PROCESS INC.	Category: INACTIVE PRODUCTION FACILITY City: LACKAWANNA State: NY NPL: N Cost: \$202,000.00 Event: RV1 Start: 08/10/89 Compl: 07/25/90	The Electro-Process site, a former electro-polishing operation, was located in a heavily populated, residential area. Thirty to forty drums of hazardous materials, including acids and solvents, were left on site when the facility closed. All doors to the property were locked but the property was not fully fenced.	Chromic Acid Phosphoric Acid Benzensulfonic Acid Chloride Nitric Acid	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Incineration/ Thermal Destruction Pump And Treatment

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ENVIROTEK	CATEGORY: INACTIVE WASTE MGMT FAC	The Envirotek site was a vacant paint manufacturing facility which consisted of 12 dilapidated buildings on one acre of land. The site was located in a small industrial area within a residential area inhabited by several thousand people. Approximately 500 drums and numerous smaller containers of hazardous substances are located within the buildings. Most of the buildings on site were grossly contaminated and had been subject to repeated break-ins.	2-Ethyl Hexanol Butyl Acetate, n- Butyl Ether (n-) Manganese And Compounds Phosphoric Acid Methyl Ethyl Ketone Acrylamide Naphthalene, molten	Fire/ Explosion Hazard	Bulk Materials Overpacking Containers Stage Containers On Site Recycling Temporary Storage Off Site Disposal
NPL: N	COST: \$1,551,000.00				
EVENT: RV1	START: 05/18/89				
COMPL: 09/18/90					
NAME: EXPRESSWAY VILLAGE*	CATEGORY: OTHER	The Expressway Village site was adjacent to the Forest Glen Removal Site. Forest Glen was the subject of a removal action at the time the new drums were found. The drums contained unknown liquids and a tar-like structure.	Semi-Volatiles	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site Temporary Storage
CITY: TOWN OF NIAGARA	STATE: NY				
NPL: N	COST: \$10,000.00				
EVENT: RV1	START: 11/02/89				
COMPL: 01/17/90					
NAME: FULTON TERMINALS	CATEGORY: INACTIVE WASTE MGMT FAC	This inactive petroleum and chemical storage/transfer facility stored waste oils and sludge on site. Leaking tanks and uncontaminated wastes were present. Surface water sediments contained waste oil contamination.	Polychlorinated Biphenyls	Direct Contact: Ingestion Fire/ Explosion Hazard Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation	Equipment Installation Excavation Migration Control
CITY: FULTON	STATE: NY				
NPL: Y	COST: \$18,174.00				
EVENT: RV6	START: 02/14/90				
COMPL: 02/23/90					

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: GASPORT ELEM SCHOOL*	CATEGORY: OTHER	Three crates labelled as containing ether, nitrous oxide and oxygen cylinders had been stored at the Gasport Elementary School for 25 years. These crates were stored in the basement as part of a Packaged Disaster Hospital (PDH) placed at the school during the 1960s. There are nearly 500 students enrolled at the school.	Ether	Fire/ Explosion Hazard	No Action
CITY: GASPORT	STATE: NY				
NPL: N	COST: \$6,000.00				
EVENT: RV1	START: 02/22/90				
COMPL: 02/23/90					
NAME: JOHNNY CAKE ROAD FARM	CITY: DANUBE TWP LONG ISLAND	The Johnny Cake Farm site was a 377-acre dairy farm located in a rural farming town. The site consists of a two-story farmhouse, a garage, a dairy barn, and a stable. In 1987, the property was purchased by a new owner who shortly thereafter began a cocaine manufacturing and distributing operation. Chemicals used in the drug processing were allegedly dumped down the septic system and into the swimming pool. Soil and ground water were both contaminated.	Toluene Tetrachloroethylene Trichloroethylene Dichloroethylene	Ground Water Contamination Soil Contamination Surface Water Contamination Drinking Water Contamination	Bulk Materials Migration Control Storage Containers On Site Containment Temporary Storage Off Site Disposal Incineration/ Thermal Destruction
STATE: NY	NPL: N				
COST: \$44,000.00	EVENT: RV1				
START: 09/04/90	COMPL: 09/12/90				
NAME: MIDDLEPORT ELEM SCH*	CATEGORY: OTHER	Packaged Disaster Hospitals (PDHs) including cylinders of ether, nitrous oxide, and oxygen had been improperly stored in the school basement since 1957.	Ether	Fire/ Explosion Hazard	No Action
CITY: MIDDLEPORT	STATE: NY				
NPL: N	COST: \$6,000.00				
EVENT: RV1	START: 02/23/90				
COMPL: 02/23/90					

⁺A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: RADIUM CHEMICAL CATEGORY: INACTIVE PRODUCTION FACILITY CITY: WOODSIDE, QUEENS, NYC STATE: NY NPL: Y COST: \$3,984,000.00 EVENT: RV1 START: 07/26/88 COMPL: 06/02/90		Radium Chemical Co. handled radium "needles" or sealed sources used for cancer therapy. It was estimated that the company had approximately 110-140 curies of Radium-226 in the form of sealed sources. Some of the sources were located in a "vault" inside the facility. Two other adjacent rooms in the facility were believed to contain radioactive sources of unknown materials as well. Chemicals and other combustible materials also were located inside the building.	Radium Ethyl Ether Mercury	Air Contamination Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Direct Contact: Non-Specific	Bulk Materials Collect/ Retain Contaminants Equipment Installation Overpacking Containers Detonation
NAME: SALAMANCA DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SALAMANCA STATE: NY NPL: N COST: \$85,000.00 EVENT: RV1 START: 09/20/88 COMPL: 10/07/89		EPA was asked to investigate an abandoned fire extinguisher manufacturing facility. The site was located within the boundaries of the Seneca Indian Reservation. The site consisted of drums in various stages of decay and a cylinder.	Tricalcium Phosphate 1,1,1-Trichloroethane Toluene Zinc Octoate Xylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Collect/ Retain Contaminants Landfill Overpacking Containers Stage Containers On Site Incineration/ Thermal Destruction
NAME: UNION ROAD SITE CATEGORY: OTHER CITY: CHEEKTONWAGA STATE: NY NPL: N COST: \$68,000.00 EVENT: RV1 START: 01/29/88 COMPL: 02/22/90		The Union Road Site encompassed a sensitive ecosystem of 71 acres. There was a pit/lagoon which was used as a waste disposal facility by a railroad company. Surface drainage traversed the pit/lagoon, entered the marsh, and then discharged into the State Bottom Creek.	Heptachlor Epoxide Endosulfan Sulfate Endrin Lead Chromium Copper	Direct Contact: Ingestion Direct Contact: Inhalation Surface Water Contamination	Installed Fence Signs Filtration

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION II

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
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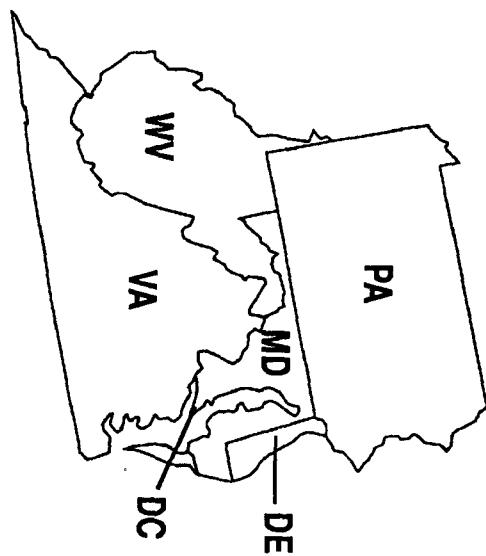
NAME: CARIBE HOME CENTER CATEGORY: OTHER CITY: ST. CROIX STATE: VI NPL: N COST: \$39,000.00 EVENT: RV1 START: 03/08/90 COMPL: 07/17/90	The Caribe Home Center encompasses approximately 120,000 square feet in a heavily populated section of the island. The warehouse at the facility was destroyed by Hurricane Hugo. The hazardous material that was stored there, primarily acids, ketones, and other solvents, was scattered on a concrete pad on site.	Acetone Benzene Phosphoric Acid	Direct Contact: Non-Specific Soil Contamination	Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Temporary Storage
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NAME: SOUTH GATE FARM CATEGORY: OTHER CITY: ST. CROIX STATE: VI NPL: N COST: \$45,000.00 EVENT: RV1 START: 03/08/90 COMPL: 07/17/90	Southgate Farm was a recently abandoned nursery (landscaping) facility located on the Southgate Farm Estate. The owner abandoned the site following damage sustained during Hurricane Hugo. Various pesticides, herbicides, and fungicides were left haphazardly stored on site due to the extensive damage caused by the hurricane. Private residences were located within 300 feet of the site.	Diazinon Phosphoric Acid Copper Sulfate Sulfuric Acid Herbicides Fungicides Pesticides	Direct Contact: Ingestion Soil Contamination Surface Water Contamination Direct Contact: Inhalation Direct Contact: Dermal	Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Temporary Storage
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NAME: VI DEPT OF AGRICULTURE CATEGORY: OTHER CITY: ST. CROIX STATE: VI NPL: N COST: \$252,000.00 EVENT: RV1 START: 03/08/90 COMPL: 07/17/90	The facility, notably the warehouse storing hazardous materials, was heavily damaged in the Fall of 1989 by Hurricane Hugo. These materials, primarily pesticides, were found to be unlabeled, stored improperly, and subject to frequent rainfall.	Malathion Diazinon	Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site
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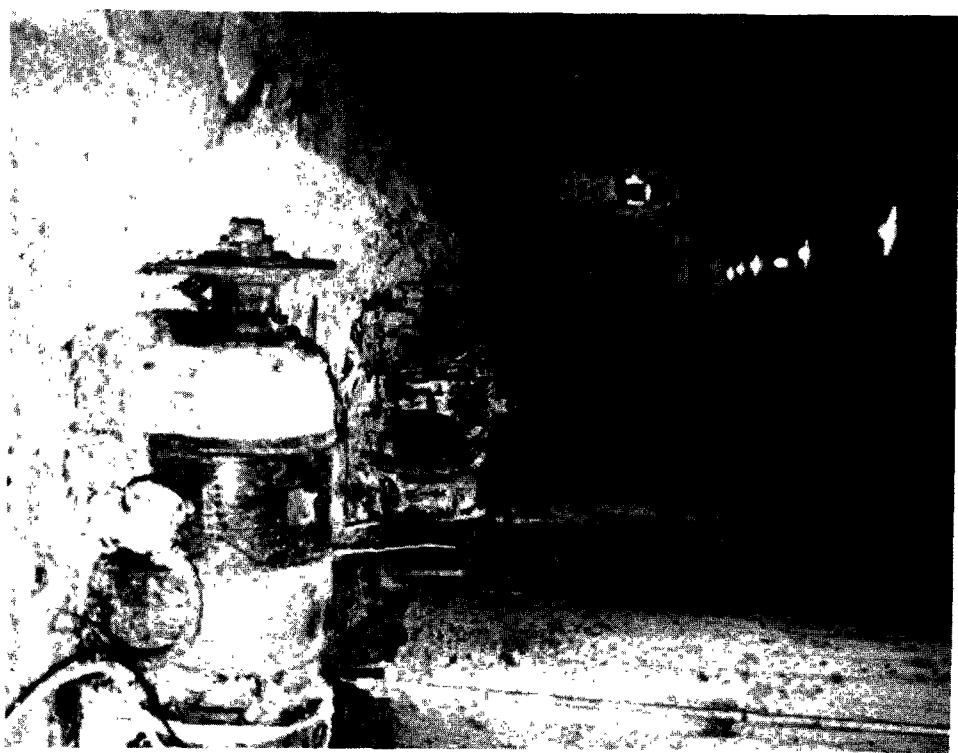
⁺A removal action was previously completed at this site.
*This is a Classic Emergency removal action.

U.S. EPA REGION III



For Information Contact:

**Chief, Superfund Removal Branch,
Hazardous Waste Management
Division**
**841 Chestnut Street, 6th Floor
Philadelphia, PA 19107**
(215) 597-0992



REGION III FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
DE	DEWEY BEACH CYLINDER	DEWEY BEACH	N	X
MD	ST. MARY'S SALVAGE	ST. MARYS	N	
PA	ALADDIN PLATING AMBLER ASBESTOS PILES AMERICAN STREET TANNERY + BELFIELD AVENUE SITE BELFIELD AVENUE SITE + CRAWFORD STATION DRAKE CHEMICAL HAVERTOWN PCP SITE + PRESQUE ISLE CHEMICAL THOMPSON ST. TRAILER SITE TONOLLI CORP	CLARKS SUMMIT AMBLER PHILADELPHIA PHILADELPHIA PHILADELPHIA MIDDLETOWN LOCK HAVEN HAVERFORD TWP. WASHINGTON TWPO PHILADELPHIA NESQUEHONING	F F N N N N F F F N F	X
VA	COCKERILLE ESTATE ABANDONED LAB SITE HART PROPERTY	GREENWOOD OAKTON	N N	
WV	EIGHT DRUMS SITE ELKVIEW DRUM DUMP JENKINJONES DRUM DUMP	PRITCHARD ELKVIEW JENKINJONES	N N N	

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION III FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
WV	SEWELL BOTTOM DRUM DUMP	NEW RIVER GEORGE NAT'L PA	N	

USCG SITES

TOTALS FOR REGION III:	
Number of Removal Completions ...	19
NPL Sites	5
Classic Emergency Sites.....	3
Total Cost for FY 90 (excluding USCG sites)	\$6,012,924

+ A removal action was previously completed at this site.

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REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: DEWEY BEACH CYLINDER* CATEGORY: OTHER CITY: DEWEY BEACH STATE: DE NPL: N COST: \$35,000.00 EVENT: RV1 START: 08/20/90 COMPL: 08/22/90	<p>A cylinder of foreign origin washed upon the beach. The cylinder was 66 inches long and 8.5 inches in diameter. It appeared to have been in the ocean a long time due to the appearance of one inch barnacles. It was determined that the cylinder contained oxygen.</p>			Direct Contact: Non-Specific
NAME: ST. MARY'S SALVAGE CATEGORY: OTHER CITY: ST. MARYS STATE: MD NPL: N COST: \$750,000.00 EVENT: RV1 START: 06/07/90 COMPL: 08/16/90	<p>St. Mary's Salvage site was located in an industrial park surrounded by an industrial/commercial area. About a dozen homes were located within a quarter-mile radius. One large machine utilized in the compaction operation was still present at the site. Gross leaking and spillage were the apparent causes for the PCB contamination at the site. The site was graded for use as a parking lot and localized contamination spread throughout the grounds.</p>	Polychlorinated Biphenyls	Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation Grade Seed

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ALADDIN PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CLARKS SUMMIT STATE: PA NPL: Y COST: \$430,000.00 EVENT: RV1 START: 03/03/87 COMPL: 02/28/90		<p>This site was an abandoned electroplating facility which operated from 1947 through 1982. A fire occurred and the processing building was almost totally destroyed. Vats containing concentrated acids and bases along with more than 20 drums and other miscellaneous containers were left unsecured and exposed to the elements. Owner performed on site disposal of electroplating wastes during years of operation via pipes from the building. This site was situated in a residential area. Site is on NPL and RD/RA is in process.</p>	Cyanides Nickel Powder Chromium Copper	Drinking Water Contamination Direct Contact: Inhalation Soil Contamination	Migration Control Neutralize Materials Overpacking Containers Stage Containers On Site Blending Containment
NAME: AMBLER ASBESTOS PILES CATEGORY: INACTIVE PRODUCTION FACILITY CITY: AMBLER STATE: PA NPL: Y COST: \$60,000.00 EVENT: RV3 START: 01/27/89 COMPL: 02/02/90		<p>Two large piles of asbestos tailings were located at this site. Weathering had broken down the surface, causing wind stripping of asbestos. Offsite asbestos migration was confirmed at a playground at the base of one of the piles. The fence around the site was inadequate to restrict access and trespassing was evident.</p>	Asbestos	Direct Contact: Inhalation Direct Contact: Non-Specific Surface Water Contamination	Cover/ Cap Neutralize Materials

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AMERICAN STREET TANNERY**+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PHILADELPHIA STATE: PA NPL: N COST: \$95,000.00 EVENT: RV2 START: 06/26/90 COMPL: 07/06/90	<p>At least three tanning companies operated in this building through Lease Custom Leather Services, Inc. The building was abandoned in 1986 after Lease Custom Leather Services went bankrupt.</p> <p>The tanning industry utilizes many corrosive, toxic, combustible, flammable, and carcinogenic materials. There were approximately 400 drums and 300 lab size containers stored inside and outside the building. This site was located in an urban area.</p>	Acids Solvents	Fire/ Explosion Hazard Direct Contact: Inhalation Direct Contact: Dermal	Off Site Disposal
NAME: BELFIELD AVENUE SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PHILADELPHIA STATE: PA NPL: N COST: \$150,000.00 EVENT: RV1 START: 08/20/87 COMPL: 10/11/89	<p>This site was the Visual Packaging Co., formerly a chemical repackaging and specialty chemical blender. In 1987 the site was damaged by explosions followed by a fire. The facility housed the packaging company and several other small businesses. Materials used for blending were stored in six 1,000-gallon tanks and in one 7,000-gallon underground storage tank. These materials were flammable, combustible, and highly toxic. The area surrounding the site was primarily residential.</p>	Toluene Tetrahydrofuran Polychlorinated Biphenyls Butyl Ether (n-) Naphtha:stoddard Solvent Pentachloropheno[Aroclor	Fire/ Explosion Hazard Overpacking Containers Stage Containers on Site	Extinguish Fire

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BELFIELD AVENUE SITE+	CATEGORY: INACTIVE PRODUCTION FACILITY	This site was the Visual Packaging Co., formerly a chemical repackaging and specialty chemical blender. In 1987 the site was damaged by explosions followed by a fire. The facility housed the packaging company and several other small businesses. Materials used for blending were stored in six 1,000-gallon tanks and in one 7,000-gallon underground storage tank. These materials were flammable, combustible, and highly toxic. The area surrounding the site was primarily residential.	Toluene Tetrahydrofuran Polychlorinated Biphenyls Butyl Ether (n) Naphtha:scrodard Solvent Pentachlorophenol Aroclor	Fire/ Explosion Hazard	Extinguish Fire Overpacking Containers Stage Containers On Site
NAME: CRAWFORD STATION	CATEGORY: OTHER	The Crawford Station site was a power station that had drums suspected to contain hazardous chemicals.	Hydrazine Hydrate	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Surface Water Contamination	Off Site Disposal
NAME: DRAKE CHEMICAL	CATEGORY: INACTIVE PRODUCTION FACILITY	The Drake Chemical site was a chemical production facility that had five lined and unlined lagoons containing pretreatment sludges, 30 chemical tanks and reactors, 1,878 drums of various organic chemicals, and 18 gas cylinders.	Organic Solvents Herbicides Caustics Inorganic Acids	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Neutralize Materials Off Site Disposal

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HAVERTOWN PCP SITE+ CATEGORY: OTHER CITY: HAVERFORD TWP. STATE: PA NPL: Y COST: \$614,100.00 EVENT: RV1 START: 12/11/87 COMPL: 09/28/90	<p>This site contained the National Wood Preserves, Inc., a facility which operated a wood treatment plant. During 1947 through 1963, the National Wood Preserves Facility deposited waste material into a nearby 25-foot well. The wastes contained PCP and oil used in treating wood products. Approximately one million gallons of the PCP sludge was pumped down the well. A concrete sewer line had intercepted the sludge and was releasing it directly into a stream. Two thousand people lived within a quarter mile of the site.</p>	Dibenzofuran Pentachlorophenol	Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination	Equipment Installation Migration Control Stage Containers On Site
NAME: PRESQUE ISLE CHEMICAL CATEGORY: OTHER CITY: WASHINGTON TWP STATE: PA NPL: N COST: \$148,200.00 EVENT: RV1 START: 10/19/89 COMPL: 09/30/90	<p>The Presque Isle Chemical site consisted of approximately 28 acres of mostly wooded land. The site was a former solvent distillation facility from 1965 through 1971. Approximately 50 residences are located a quarter mile from the site and children used the site as a play area.</p>	Polychlorinated Biphenyls Chromium	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Fence
NAME: THOMPSON ST. TRAILER SITE* CATEGORY: OTHER CITY: PHILADELPHIA STATE: PA NPL: N COST: \$1,010,000.00 EVENT: RV1 START: 09/30/88 COMPL: 04/06/90	<p>The Thompson St. Trailer Site consisted of five semi-trailers that were backed into an abandoned loading dock. The initial assessment revealed that three of the trailers were loaded with drums with unknown contents. The trailers appeared to be in fair to poor condition, and one appeared to have been involved in a fire. The site was located in a residential/commercial area.</p>	Methyl Ethyl Ketone	Fire/ Explosion Hazard	Overpacking Containers Stage Containers On Site

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTIONS(S)
NAME: TONOLLI CORP CATEGORY: INACTIVE PRODUCTION FACILITY CITY: NESQUEHONING STATE: PA NPL: Y COST: \$250,000.00 EVENT: RV1 START: 10/09/87 COMPL: 12/22/89	The Tonolli Corp. owned and operated a secondary lead smelting plant. The facility operated from 1974 to 1985, at which time the plant was abandoned. The site consisted of a battery crushing operation, a smelter, a refinery, a water treatment plant, a hazardous waste landfill, and a hazardous waste above ground storage tank. Approximately 17,000 people lived within a three mile radius of the site and public drinking water wells were located within one mile of the site. It was evident that heavy metals were migrating off site.	Lead Arsenic Dust Cadmium Chromium Zinc	Biological Threat Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination	Equipment Installation Excavation Overpacking Containers Pump, Drain Surface	
NAME: COCKERILLE ESTATE ABANDONED LAB S CATEGORY: OTHER CITY: GREENWOOD STATE: VA NPL: N COST: \$150,000.00 EVENT: RV1 START: 1/29/88 COMPL: 10/31/89	The site consisted of two buildings that had been abandoned for approximately 15 years. Both buildings were unsecured and contained hundreds of lab reagent bottles, many of which were covered by household debris. The majority of the reagent bottles did not have proper labeling. Two compressed gas cylinders also were present at the site.	Chlorobenzene 2-Methylpyridine 1-Hexane Sodium Methylate Cadmium Oxide Acetic Acid Solution Ethylamine Sodium Nitrate	Direct Contact: Non-Specific Fire/ Explosion Hazard Other	Bulk Materials Overpacking Containers	
NAME: HART PROPERTY CATEGORY: MIDNIGHT DUMP CITY: OAKTON STATE: VA NPL: N COST: \$15,000.00 EVENT: RV1 START: 09/02/86 COMPL: 03/01/90	The site contains eight 55-gallon drums that were midnight dumped in a residential area. The drums contained dioxin-bearing herbicides. Ten to twelve people lived within a quarter mile of the drums.	Benzene Hexachloride Endrin	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Drinking Water Contamination Surface Water Contamination	Overpacking Containers Stage Containers On Site Temporary Storage	

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION III

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EIGHT DRUMS SITE CATEGORY: MIDNIGHT DUMP CITY: PRITCHARD STATE: WV NPL: N COST: \$35,000.00 EVENT: RV1 START: 12/07/89 COMPL: 06/01/90	<p>Eleven drums containing various amounts of mining industry wastes and unknowns were abandoned on private property. The drums were in poor physical condition and it was observed that during hot weather the material liquefied and expanded through the top of the drums. The materials in the drums had been identified as hazardous substances and due to the close proximity of the local population posed a serious threat.</p>	Toluene Benzene Methyl Chloride	Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Surface Water Contamination	Overpacking Containers Off Site Disposal
NAME: ELKVIEW DRUM DUMP CATEGORY: MIDNIGHT DUMP CITY: ELKVIEW STATE: WV NPL: N COST: \$35,000.00 EVENT: RV1 START: 11/06/89 COMPL: 01/30/90	<p>Seven 55-gallon drums were abandoned and submerged in a tributary to the Elk River, a major source of drinking water. Six of the drums were in good condition but one had a hole in it and an orange-yellow material on it posing a significant risk of harm.</p>	Carboilic Oil	Biological Threat Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard Soil Contamination	Overpacking Containers Stage Containers On Site Off Site Disposal
NAME: JENKINJONES DRUM DUMP CATEGORY: MIDNIGHT DUMP CITY: JENKINJONES STATE: WV NPL: N COST: \$98,000.00 EVENT: RV1 START: 02/20/90 COMPL: 07/27/90	<p>Twenty three 55-gallon drums of waste solvents and tank degreasing sludge had been dumped by unknown persons. Two of the drums had emptied their contents along an embankment and the others were in poor condition and leaking. The site was unsecured and had been vandalized.</p>	Trichloroethane 1,1-Dichloroethane	Direct Contact: Dermal Direct Contact: Inhalation Soil Contamination Surface Water Contamination	Overpacking Containers Excavation Off Site Disposal

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION III

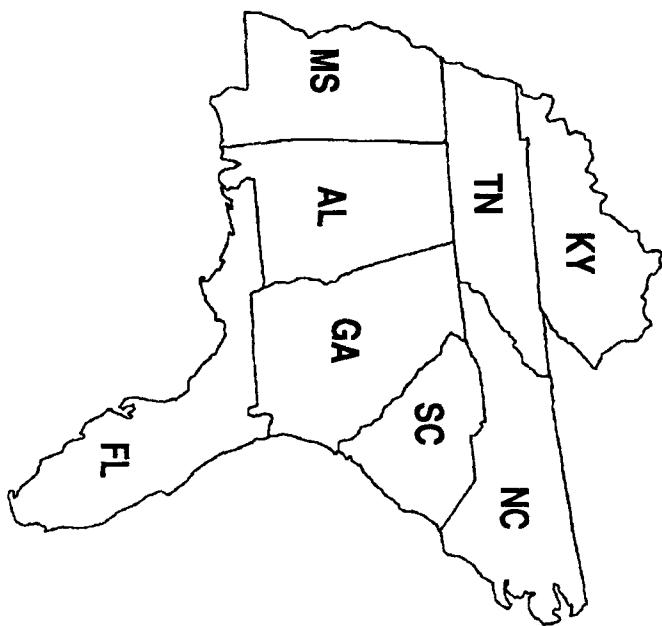
SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SEWELL BOTTOM DRUM DUMP CATEGORY: MIDNIGHT DUMP CITY: NEW RIVER GEORGE NAT'L PA STATE: WV NPL: N COST: \$35,000.00 EVENT: RV1 START: 01/30/90 COMPL: 05/24/90	A single unlabeled drum was found eight to ten feet from the shoreline of the New River. The drum was highly deteriorated and had spilled some of its contents.	Toluene Trichloroethane Methyl Chloride	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Surface Water Contamination Soil Contamination	Overpacking Containers Excavation Off Site Disposal

+ A removal action was previously completed at this site.

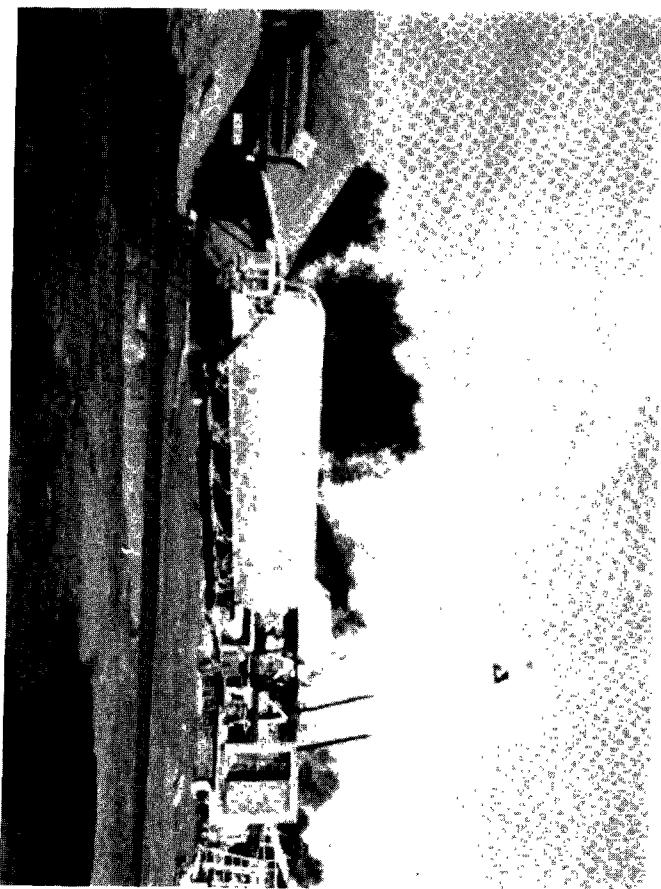
* This is a Classic Emergency removal action.

U.S. EPA REGION IV



For Information Contact:

**Chief, Superfund Emergency
Response and Removal Branch,
Waste Management Division
345 Courtland Street, N.E.
Atlanta, GA 30365
(404) 347-3931**



REGION IV FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
AL	EARL HAMMOND DUMP SITE MARSHALL COUNTY MAINTENANCE DRUMS MOBILE BAY OIL COMPANY WALLACE & WALLACE CHEMICAL AND OIL CORP	LEXINGTON ALBERTVILLE THEODORE TUSKEGEE	N N N N N	X
FL	S & S FLYING SERVICE SKIPPERS III TOWER CHEMICAL CO +	MARIANNA COCOA CLERMONT	N N F	X
GA	BIDEZ ROAD MIDNIGHT DUMP BURKE COUNTY PESTICIDES WAREHOUSES CLARK BROTHERS WAREHOUSE GENERAL REFINING CO. ABANDONED SITE LITHONIA DRUMS DUMP MAXI-EM, INC OYSTER SHELL CAFE PAVILLION DRUM SITE RIVER ROAD DRUMS STONEWALL DRIVE DRUM SITE TURNER HILL ROAD DRUM SITE WASHINGTON ETHER SITE	LITHONIA ALEXANDER ALBANY GARDEN CITY LITHONIA ATLANTA PATTERSON MARIETTA DECATUR ATLANTA LITHONIA WASHINGTON	N N N N N N N N N N N N N N N N	X X X
KY	CUSTOM INDUSTRIAL SERVICES DEENA PRODUCTS CO., INC RAY'S SUPERIOR FOOD MARKET	SHELBYVILLE ARLINGTON JELlico	N N N	N N N N N N N N N N N N N N N N
MS	BROOKHAVEN DRUM SITE FMHA-JAMES TUCKER SITE HATTIESBURG DRUMS SITE HOWARD STREET PCB JONES COUNTY DRUMS OCEAN SPRING ETHER PRAIRIE/STARKVILLE ETHER SITES PRENTISS CREOSOTE & FOREST PRODUCTS	BROOKHAVEN UTICA HATTIESBURG VICKSBURG LAUREL OCEAN SPRING PRAIRIE PRENTISS	N N N N N N N N N N N N N N N N	X X X

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION IV FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
MS	SOUTHEASTERN WOOD PRESERVING	CANTON	N	
NC	ABERDEEN PESTICIDE DUMPS + CAMPBELL PROPERTY DRUM CAROLINA TRANSFORMER FCX, INC (STATESVILLE PLANT) GOAT PASTURE ROAD NEW HAVEN DRIVE TCE SITE OLD MT. HOLLY ROAD PCE SITE SURRY COUNTY TIRE FIRE	ABERDEEN RUTHERFORDTON FAYETTEVILLE STATESVILLE WADESBORO GASTONIA CHARLOTTE DOBSON	F F F F N N N N	X X
SC	PALMETTO WOOD PRESERVING, INC WOODBURN ANALYTICAL LAB 7/FIELDING CHEM	CAYCE ANDERSON	F N	
TN	ARLINGTON BLENDING & PACKAGING CO. CHILHOWEE LAKE PCB DRUMS COSCA DRIVE PESTICIDES SITE HORN LAKE ROAD PAILS SITE RANGE ROAD DRUM SITE	ARLINGTON TALLASSEE FRAYSER MEMPHIS MEMPHIS	F N N N N	X
USCG SITES				
TOTALS FOR REGION IV:				
Number of Removal Completions				
NPL Sites				
6				
Classic Emergency Sites.....				
10				
Total Cost for FY 90 (excluding USCG sites)				
\$14,371,387				

⁺ A removal action was previously completed at this site.

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EARL HAMMOND DUMP SITE CATEGORY: MIDNIGHT DUMP CITY: LEXINGTON STATE: AL NPL: N COST: \$60,000.00 EVENT: RV1 START: 01/26/89 COMPL: 01/26/90	Thirty 55-gallon drums were midnight dumped onto rural property. Oil-based material spilled on the ground as a result of dumping.	Waste Oils	Direct Contact: Dermal Soil Contamination Surface Water Contamination	Overpacking Containers Recycling
NAME: MARSHALL COUNTY MAINTENANCE DRUMS CATEGORY: MIDNIGHT DUMP CITY: ALBERTVILLE STATE: AL NPL: N COST: \$10,000.00 EVENT: RV1 START: 11/20/89 COMPL: 12/20/89	Drums were abandoned along the side of a road.	Toluene Benzene Xylene	Fire/ Explosion Hazard Direct Contact: Inhalation Direct Contact: Dermal	Off Site Disposal Temporary Storage
NAME: MOBILE BAY OIL COMPANY CATEGORY: INACTIVE PRODUCTION FACILITY CITY: THEODORE STATE: AL NPL: N COST: \$80,000.00 EVENT: RV1 START: 01/25/89 COMPL: 01/25/90	The Mobile Bay Oil Company was at this site for approximately two years. Waste oil and solvents were stored in two 4,500-gallon above ground storage tanks. Spillage and boilovers resulted in contamination of soil around the tanks with waste oil and solvent mixture. An open pit between the tanks contained similar material. The site appeared to have been abandoned.	Ethylbenzene Xylene, p-Xylene, m-Xylene, o-Xylene	Fire/ Explosion Hazard Soil Contamination Direct Contact: Dermal Direct Contact: Inhalation Surface Water Contamination	Incineration/ Thermal Destruction Off-Site Neutralize Materials
NAME: WALLACE & WALLACE CHEMICAL AND OIL CATEGORY: INACTIVE PRODUCTION FACILITY CITY: TUSKEGEE STATE: AL NPL: N COST: \$70,000.00 EVENT: RV1 START: 01/09/89 COMPL: 12/21/89	This site contained approximately 269 55-gallon drums grouped in three separate storage areas. The materials in the drums primarily consisted of various types of lube oils, hydraulic fluids, and solvents. The drums appeared to have been leaking their contents onto the ground.	Ethylbenzene Toluene Ethyl Acetate DDT Benzene DDD DDE Methane Trichlorofluoro Phenanthrene	Fire/ Explosion Hazard Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation	Off Site Disposal

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: S & S FLYING SERVICE	CATEGORY: INACTIVE PRODUCTION FACILITY	S&S Flying Service was a cropdusting outfit in service for 20 years. The site consisted of an airplane hangar and two land areas associated with crop dusting. The aerial applicator did not practice proper waste management. Pesticide containers and wing tanks were washed out on the grounds of the facility.	Trifluralin Chlorothalonil DDT Camphene, octachloro-	Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Off Site Disposal Incineration/ Thermal Destruction
CITY: MARIANNA	STATE: FL				
NPL: N	COST: \$863,637.00				
EVENT: RV2	START: 03/23/90				
COMPL: 09/14/90		Approximately 8,000 cubic yards of soil had been contaminated.			
 NAME: SKIPPERS III* CATEGORY: ACTIVE PRODUCTION FACILITY		Skippers III was an electroplating operation that specialized in electroplating jewelry and small objects for individuals and industry. While in operation the facility engaged in nickel, silver, gold, zinc, and copper plating and anodizing of aluminum. The baths used for electroplating and anodizing held approximately 30 gallons of soapy water or acid.	Caustic Soda Solution Sodium Cyanide Silver Cyanide Barium Cyanide Zinc Cyanide Lead Chromium Hydrogen Chloride Arsenic Acid Solution	Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Overpacking Containers Off Site Disposal
CITY: COCOA	STATE: FL				
NPL: N	COST: \$314,000.00				
EVENT: RV1	START: 05/15/89				
COMPL: 03/01/90					
 NAME: TOWER CHEMICAL CO+ CATEGORY: INACTIVE PRODUCTION FACILITY		The Tower Chemical Company was a former pesticide formulation facility. This facility used DDT as a raw product and had an open, contaminated burn/bury area and percolation pond. Both areas were highly contaminated and posed a threat to the surrounding environment.	DDT Volatile Organics Xylene MEK MBK Toluene	Fire/ Explosion Hazard Direct Contact: Dermal Direct Contact: Inhalation Ground Water Contamination Ecological Damage Biological Threat	Excavation Incineration/ Thermal Destruction Other Treatment Technologies
CITY: CLERMONT	STATE: FL				
NPL: Y	COST: \$433,000.00				
EVENT: RV3	START: 02/08/88				
COMPL: 07/13/90					

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BIDEZ ROAD MIDNIGHT DUMP CATEGORY: MIDNIGHT DUMP CITY: LITHONIA STATE: GA NPL: N COST: \$35,000.00 EVENT: RV1 START: 03/15/89 COMPL: 11/01/89	Seven drums of chemicals had been dumped alongside Bidez Road. Labelling on one of the drums indicated that it contained Tetrahydrofuran.	Tetrahydrofuran	Fire/ Explosion Hazard Soil Contamination Ecological Damage Biological Threat	Overpacking Containers Off Site Disposal
NAME: BURKE COUNTY PESTICIDES WAREHOUSE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ALEXANDER STATE: GA NPL: N COST: \$267,000.00 EVENT: RV1 START: 07/24/89 COMPL: 05/18/90	Numerous containers of a variety of pesticides were stored in and around the warehouses. Several drums abandoned outside of the buildings had deteriorated beyond recognition. Much of the bagged products stored inside the warehouses had been released because their containers also had deteriorated.	Aldicarb Dursban Methyl Parathion DDT Carbaryl Toxaphene Paraquat 2,4,5 - T	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Bulk Materials Excavation Incineration/ Thermal Destruction
NAME: CLARK BROTHERS WAREHOUSE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: ALBANY STATE: GA NPL: N COST: \$58,000.00 EVENT: RV1 START: 05/23/90 COMPL: 08/13/90	The Clark Brothers Warehouse site was a bonded warehouse which accepted a wide variety of commodities including foodstuffs, appliances, agricultural supplies and pesticides. The pesticides were not stored with the foodstuffs. Several containers of the pesticide had rusted through and released their contents.	Pentane Carbon Disulfide Carbon Tetrachloride	Air Contamination Direct Contact: Ingestion Direct Contact: Dermal	Bulk Materials Incineration/ Thermal Destruction Off-Site
NAME: GENERAL REFINING CO. ABANDONED SI CATEGORY: INACTIVE WASTE MGMT FAC CITY: GARDEN CITY STATE: GA NPL: N COST: \$4,200,000.00 EVENT: IR1 START: 08/14/85 COMPL: 07/20/90	This site was a former oil recycling facility. Twenty tanks of waste oil and four lagoons filled with sludge from sulfuric acid processing were left on site. Filter press solids also were stored on site.	Lead Sludges Waste Oil	Surface Water Contamination Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Solidify Materials Neutralize Materials Solvent Extraction

+ A removal action was previously completed at this site.

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: LITHONIA DRUMS DUMP	CATEGORY: MIDNIGHT DUMP	The Lithonia Drum Dump was the result of the apparent abandonment of 36 unmarked 55-gallon drums of waste in an industrial park.	Chromic Acid Tetrachloroethylene Dichloromethane Ethane, 1,1,2-Trichloro	Direct Contact: Dermal Direct Contact: Inhalation	Temporary Storage Off Site Disposal
CITY: LITHONIA	STATE: GA				
NPL: N	COST: \$60,000.00				
EVENT: RV1	START: 03/14/89				
COMPL: 11/06/89					
NAME: MAXI-EM, INC	CATEGORY: ACTIVE PRODUCTION FACILITY	A spill of hydrofluoric acid occurred at this site. The warehouse was used by an individual to dilute concentrated hydrofluoric acid. The release occurred due to equipment failure/operator error.	Hydrofluoric Acid	Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Migration Control Neutralize Materials
CITY: ATLANTA	STATE: GA				
NPL: N	COST: \$2,500.00				
EVENT: RV1	START: 03/14/90				
COMPL: 03/14/90					
NAME: OYSTER SHELL CAFE	CATEGORY: ACTIVE PRODUCTION FACILITY	There was a spill of green liquid at this site.	Sulfuric Acid	Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Neutralize Materials Off-Site
CITY: PATTERSON	STATE: GA				
NPL: N	COST: \$15,000.00				
EVENT: RV1	START: 06/11/90				
COMPL: 08/06/90					
NAME: PAVILLION DRUM SITE*	CATEGORY: MIDNIGHT DUMP	Four drums containing unknown substances were discovered in a wooded area adjacent to a residential area and small stream.	Paint Wastes	Surface Water Contamination Biological Threat Ecological Damage Direct Contact: Non-Specific Blending	Overpacking Containers Temporary Storage Recycling Blending
CITY: MARIETTA	STATE: GA				
NPL: N	COST: \$8,000.00				
EVENT: RV1	START: 01/26/90				
COMPL: 08/03/90					

⁺A removal action was previously completed at this site.

*This is a Classic Emergency removal action.

REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: RIVER ROAD DRUMS CATEGORY: MIDNIGHT DUMP CITY: DECATUR STATE: GA NPL: N COST: \$20,000.00 EVENT: RV1 START: 04/26/89 COMPL: 11/10/89	Four 55-gallon drums and several smaller containers were abandoned on a dirt road. The drums and smaller containers had leaked and contaminated the surrounding soil. There was no labelling or visible markings on any of the drums.	Paint Wastes Solvents	Soil Contamination Fire/ Explosion Hazard Direct Contact: Dermal	Overpacking Containers Temporary Storage
NAME: STONEWALL DRIVE DRUM SITE* CATEGORY: MIDNIGHT DUMP CITY: ATLANTA STATE: GA NPL: N COST: \$20,000.00 EVENT: RV1 START: 06/11/90 COMPL: 07/31/90	This site contained one intact drum and one spilled drum which contaminated the surrounding soil. The contents of the spilled drum were originally thought to be mercury.	Polyisopropylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Excavation Stage Containers Off Site
NAME: TURNER HILL ROAD DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: LITHONIA STATE: GA NPL: N COST: \$105,000.00 EVENT: RV1 START: 03/15/89 COMPL: 01/16/90	The Turner Hill Road Drum site was the result of illegal transportation and disposal of 31 drums of hazardous waste on an undeveloped lot. Some of the drums were leaking and deteriorating which resulted in soil contamination.	Propiononitrile Acrylonitrile Trichloroethane Propionic Acid Tetrachloroethane	Soil Contamination Ground Water Contamination	Overpacking Containers Excavation Off Site Disposal
NAME: WASHINGTON ETHER SITE* CATEGORY: OTHER CITY: WASHINGTON STATE: GA NPL: N COST: \$10,000.00 EVENT: RV1 START: 09/19/90 COMPL: 09/19/90	This site contained 96 containers of ether at an old Civil Defense Hospital.	Ether	Fire/ Explosion Hazard Direct Contact: Dermal	Detonation Off-Site

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+ A removal action was previously completed at this site.

REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CUSTOM INDUSTRIAL SERVICES	CATEGORY: INACTIVE WASTE MGMT FAC	The Custom Industrial Services facility was supposed to operate as a waste solvent fuels blending facility; however, additional non-acceptable wastes were received by the company. The unacceptible materials included lab packs, cyanides, and acids.	Ethylbenzene Toluene Lead Ether Solvents	Fire/ Explosion Hazard Surface Water Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Off Site Disposal Detonation
CITY: SHELBYVILLE	STATE: KY				
NPL: N	COST: \$1,700,000.00				
EVENT: RV1	START: 01/24/89				
COMPL: 04/20/90	There were 1,156 drums and two bulk tankers on site.				
NAME: DEENA PRODUCTS CO., INC	CATEGORY: INACTIVE PRODUCTION FACILITY	The potential existed for a hydrogen cyanide gas release at the Deena Products Co. because the strong acids had not been segregated from the cyanide-bearing wastes.	Cyanides Chromium Other Metals	Fire/ Explosion Hazard Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Overpacking Containers Off Site Disposal
CITY: ARLINGTON	STATE: KY				
NPL: N	COST: \$305,000.00				
EVENT: RV2	START: 01/26/90				
COMPL: 07/25/90					
NAME: RAY'S SUPERIOR FOOD MARKET	CATEGORY: MIDNIGHT DUMP	Two quarters of elemental mercury had been dumped onto the parking lot at this site. Approximately 50 feet by 100 feet of the parking lot had been contaminated.	Mercury	Direct Contact: Dermal Direct Contact: Ingestion Soil Contamination Direct Contact: Inhalation	Off Site Disposal Collect/ Retain Contaminants
CITY: JELlico	STATE: KY				
NPL: N	COST: \$23,000.00				
EVENT: RV1	START: 10/28/89				
COMPL: 01/22/90					
NAME: BROOKHAVEN DRUM SITE	CATEGORY: OTHER	Several 55-gallon drums of reagent grade petroleum ether and one 55-gallon drum of cyclohexane were discovered in a roadside ditch.	Cyclohexanone, Cyclohexanol	Fire/ Explosion Hazard Soil Contamination Direct Contact: Dermal Direct Contact: Inhalation	Detonation
CITY: BROOKHAVEN	STATE: MS				
NPL: N	COST: \$10,000.00				
EVENT: RV1	START: 02/13/89				
COMPL: 11/08/89					

⁺ A removal action was previously completed at this site.

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: FMHA-JAMES TUCKER SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: UTICA STATE: MS NPL: N COST: \$84,000.00 EVENT: RV1 START: 09/06/89 COMPL: 07/25/90		This site contained abandoned pesticides.	Pesticides	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Landfill Off-Site
NAME: HATTIESBURG DRUMS SITE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: HATTIESBURG STATE: MS NPL: N COST: \$15,000.00 EVENT: RV1 START: 07/23/90 COMPL: 07/26/90		There were eight abandoned drums at this site.	Methyl Ethyl Ketone	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Recycling
NAME: HOWARD STREET PCB* CATEGORY: OTHER CITY: VICKSBURG STATE: MS NPL: N COST: \$5,000.00 EVENT: RV1 START: 05/30/90 COMPL: 05/30/90		Three transformers dated 1947 fell from a utility pole into a small stream in a residential area. One of the transformers leaked PCBs into the stream.	Polychlorinated Biphenyls	Direct Contact: Ingestion	Collect/ Retain Contaminants Containment
NAME: JONES COUNTY DRUMS CATEGORY: MIDNIGHT DUMP CITY: LAUREL STATE: MS NPL: N COST: \$20,000.00 EVENT: RV1 START: 06/13/89 COMPL: 11/08/89		This site was located on an 800-acre hunting preserve in a rural area. An unknown party had used the area for indiscriminate dumping of 55-gallon drums.	Ethylbenzene Methyl Isobutyl Ketone Xylene, m-Toluene	Direct Contact: Inhalation Direct Contact: Ingestion Direct Contact: Dermal Fire/ Explosion Hazard Surface Water Contamination	Collect/ Retain Contaminants Recycling Incineration/ Thermal Destruction Landfill Off-Site

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: OCEAN SPRING ETHER* CATEGORY: ACTIVE PRODUCTION FACILITY CITY: OCEAN SPRING STATE: MS NPL: N COST: \$25,000.00 EVENT: RV1 START: 06/21/90 COMPL: 06/22/90	<p>One case of ether was stored at this site creating the threat of explosion.</p>	Ether	Fire/ Explosion Hazard	Detonation
NAME: PRAIRIE/STARKVILLE ETHER SITES* CATEGORY: ACTIVE PRODUCTION FACILITY CITY: PRAIRIE STATE: MS NPL: N COST: \$25,000.00 EVENT: RV1 START: 05/08/90 COMPL: 05/17/90	<p>Approximately 31 cases of clinical grade ether, made in 1962, were located in warehouses at the Prairie Site. Each case contained approximately 96 quarter-pound cans. One case of the ether also was stored in the basement of City Hall at the Starkville Site. Seventy-two cans were in this case.</p>	Ethyl Ether	Fire/ Explosion Hazard	Detonation
NAME: PRENTISS CREESEOTE & FOREST PRODUCT CATEGORY: MIDNIGHT DUMP CITY: PRENTISS STATE: MS NPL: N COST: \$13,000.00 EVENT: RV2 START: 07/24/89 COMPL: 10/28/89	<p>This site was a wood preserving operation that used pressure cylinders with creosote and pentachlorophenol. The product and waste storage tanks, lagoons, and pole storage yards, were all heavily contaminated.</p>	Creosote (Wood) Pentachlorophenol	Surface Water Contamination Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal	Recycling Capping Incineration/ Thermal Destruction Solidify Materials
NAME: SOUTHEASTERN WOOD PRESERVING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CANTON STATE: MS NPL: N COST: \$280,000.00 EVENT: RV1 START: 06/09/86 COMPL: 12/24/89	<p>This facility was a wood preserving and treating operation. The wood was treated with creosote and pentachlorophenol. Storage tanks, two buried lagoons, piles of contaminated soil and surface contamination were present at this site. The creek bank also was contaminated.</p>	Carbolic Oil Creosote, coal tar Pentachlorophenol	Surface Water Contamination Soil Contamination Direct Contact: Non-Specific	Stage Containers On Site Excavation Temporary Storage Bioremediation

+ A removal action was previously completed at this site.

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REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ABERDEEN PESTICIDE DUMPS+	CATEGORY: INACTIVE PRODUCTION FACILITY	Abandoned pesticide formulating facilities. Buried trenches containing formulating waste and off-spec product. Area wide ground water contamination.	DDT Dieldrin DDD DDE Heptachlor Camphene, octachloro-	Soil Contamination Ground Water Contamination Direct Contact: Non-Specific Incineration/ Thermal Destruction	Containment Excavation Temporary Storage
CITY: ABERDEEN	STATE: NC				
NPL: Y					
COST: \$620,000.00					
EVENT: RV2					
START: 08/13/86					
COMPL: 02/28/90					
NAME: CAMPBELL PROPERTY DRUM	CATEGORY: MIDNIGHT DUMP	Eight drums of hazardous substances were abandoned at this site.	Ethybenzene Xylene, m-Toluene Oils,misc:mineral	Fire/ Explosion Hazard Ground Water Contamination	Off Site Disposal
CITY: RUTHERFORDTON	STATE: NC				
NPL: N					
COST: \$12,000.00					
EVENT: RV1					
START: 11/04/88					
COMPL: 12/18/89					
NAME: CAROLINA TRANSFORMER	CATEGORY: INACTIVE PRODUCTION FACILITY	PCB capacitors and transformers were dumped at this site.	Polychlorinated Biphenyls	Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Overpacking Containers Off Site Disposal
CITY: FAYETTEVILLE	STATE: NC				
NPL: Y					
COST: \$60,000.00					
EVENT: RV3					
START: 03/14/90					
COMPL: 05/16/90					
NAME: F. C. X., INC (STATESVILLE PLANT)	CATEGORY: ACTIVE PRODUCTION FACILITY	This site was a former pesticide formulator and bulk distribution center. Alleged waste pesticides were buried underneath a warehouse. The ground water was contaminated with pesticides.	DDT Lindane	Ground Water Contamination Soil Contamination	Monitoring Wells Installed
CITY: STATESVILLE	STATE: NC				
NPL: Y					
COST: \$60,000.00					
EVENT: RV1					
START: 01/12/89					
COMPL: 01/12/90					

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: GOAT PASTURE ROAD*	CATEGORY: MIDNIGHT DUMP	The Goat Pasture Road site was located in a rural area with a low population density. Wastes found at the site had been disposed of illegally and stored in such a fashion that materials were likely to be released and migrate beyond the site. The five drums found at the site contained high strength industrial floor cleaners. These materials were highly corrosive.	NPL: N	Corrosives Caustics	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination
NAME: NEW HAVEN DRIVE TCE SITE	CATEGORY: OTHER	Forty private wells on New Haven Drive were found to be contaminated with Tetrachloroethylene. No alternative source of water was immediately available. The city water supply system was extended to hook up 52 homes.	CITY: GASTONIA STATE: NC NPL: N COST: \$250,000.00 EVENT: RV1 START: 09/20/89 COMPL: 07/27/90	Tetrachloroethylene	Direct Contact: Inhalation Direct Contact: Ingestion Direct Contact: Dermal Ground Water Contamination Drinking Water Contamination
NAME: OLD MT. HOLLY ROAD PCE SITE*	CATEGORY: OTHER	This site was a residence that was using a well contaminated with PCE, TCE and DCE. The residence was hooked up to the municipal water system.	CITY: CHARLOTTE STATE: NC NPL: N COST: \$5,000.00 EVENT: RV1 START: 04/06/90 COMPL: 05/04/90	PCE TCE DCE	Direct Contact: Inhalation Direct Contact: Ingestion Direct Contact: Dermal Ground Water Contamination Drinking Water Contamination
NAME: SURRY COUNTY TIRE FIRE	CATEGORY: ACTIVE PRODUCTION FACILITY	This fire involved approximately 1,000,000 tires, causing airborne release of contaminants and runoff of leachate into surface water. Fund-lead response involved covering the burning tires with dirt and recovery of oil from a nearby creek.	CITY: DOBSON STATE: NC NPL: N COST: \$250,000.00 EVENT: RV1 START: 06/14/89 COMPL: 02/15/90	Volatile Organics	Direct Contact: Inhalation Surface Water Contamination Biological Threat Ecological Damage

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: PALMETTO WOOD PRESERVING, INC CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CAYCE STATE: SC NPL: Y COST: \$2,000,000.00 EVENT: RV2 START: 05/17/88 COMPL: 01/23/90	This facility pressure treated lumber which resulted in an excess of chromated copper arsenate being drained onto the ground. A residence approximately 200 feet from the wood preserving plant experienced contamination of their drinking water.	Chromium Copper Arsenic	Ground Water Contamination Drinking Water Contamination Direct Contact: Ingestion	Excavation Solidify Materials Alternate Water Supply
NAME: WOODBURN ANALYTICAL LAB 7/FIELDIN CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ANDERSON STATE: SC NPL: N COST: \$1,400,000.00 EVENT: RV1 START: 02/22/89 COMPL: 05/03/90	This site had cadmium contamination from a fire at the facility.	Cadmium Sulfuric Acid Lab Packs	Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Off Site Disposal Excavation Detonation
NAME: ARLINGTON BLENDING & PACKAGING CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ARLINGTON STATE: TN NPL: Y COST: \$17,000.00 EVENT: RV2 START: 07/05/90 COMPL: 07/07/90	This site was used to formulate pesticides and other chemicals. Toxic chemical residues migrated off site.	Chlordane Pesticides	Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination	Excavation Migration Control Backfill
NAME: CHILHOWEE LAKE PCB DRUMS* CATEGORY: MIDNIGHT DUMP CITY: TALLASSEE STATE: TN NPL: N COST: \$150,000.00 EVENT: RV1 START: 09/16/89 COMPL: 12/20/89	Drums of suspected PCB waste and other hazardous materials were discovered in a lake near Alcoa, TN.	Polychlorinated Biphenyls	Biological Threat Direct Contact: Dermal Ecological Damage	Off Site Disposal

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

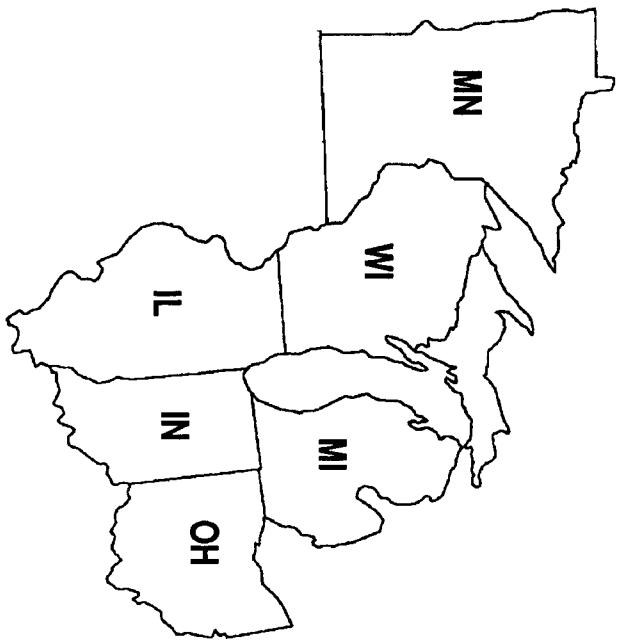
REGION IV

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: COSCIA DRIVE PESTICIDES SITE	CATEGORY: ACTIVE PRODUCTION FACILITY	Drums of a pesticide, Paris Green, were found by firefighters in a burning barn.	Pesticides	Direct Contact: Inhalation Direct Contact: Dermal	Off Site Disposal
CITY: FRAYSER	STATE: TN				
NPL: N	COST: \$30,000.00				
EVENT: RV1	START: 04/27/89				
COMPL: 11/09/89					
NAME: HORN LAKE ROAD PAILS SITE	CATEGORY: MIDNIGHT DUMP	Nine 5-gallon plastic pails, two leaking were found on a public highway. The pails were marked "Hazardous Materials - Dispose". The pails were determined to contain non hazardous pig dung.	Non-Hazardous Material		
CITY: MEMPHIS	STATE: TN				
NPL: N	COST: \$1,250.00				
EVENT: RV1	START: 02/14/89				
COMPL: 10/06/89					
NAME: RANGE ROAD DRUM SITE	CATEGORY: MIDNIGHT DUMP	Four 55-gallon drums were dumped into a wooded area off Range Road. These drums were located less than 100 yards from a nearby residential area. Three of the four drums were leaking when discovered.	Ethylbenzene Toluene Bis(2-Ethylhexyl)phthalate Tetrachloroethylene Benzene,dimethyl Alarin Acetone Benzene Trichloroethane	Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination Ground Water Contamination	Overpacking Containers Temporary Storage Excavation Off Site Disposal
CITY: MEMPHIS	STATE: TN				
NPL: N	COST: \$5,000.00				
EVENT: RV1	START: 10/24/89				
COMPL: 03/02/90					

⁺A removal action was previously completed at this site.
^{*}This is a Classic Emergency removal action.

U.S. EPA REGION V



For Information Contact:

**Chief, Emergency and
Enforcement Response Branch,
Waste Management Division**
230 S. Dearborn Street
Chicago, IL 60604
(312) 886-6236



REGION V FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
IL	MORRIS PAINTS AND VARNISH MT RICHARDS OIL CO PAXTON AVENUE LAGOONS QUINCY DRUMS	EAST ST. LOUIS CROSSVILLE CHICAGO QUINCY	N N N N	X
IN	BAKER PROP C & M PLATING ENGINIUTY, INC. INGRAM RICHARDSON CO TRIPLE J MOTORS SITE TUSSEY TRAILER SITE	MUNICE ROANOKE ALBANY FRANKFORT GARY WATERLOO	N N N N N N	X
MI	BROOKS FOUNDRY FOREST HUMBOLDT DUMPING HAWKENS FURNISHINGS MAINTENANCE MACHINE PRODUCTS, INC. NAGEL RESIDENCE SITE PLATING EQUIPMENT USED INC TAYLOR SITE WALLED LAKE MERCURY SITE WILSON DRAIN	ALBION DETROIT UNION CITY MAYVILLE LINCOLN PARK DETROIT DETROIT WALLED LAKE WESTLAND	N N N N N N N N N	X X
OH	GLAZE PLATING K & S CIRCUITS(CLAYTON) LANCASTER TIRE FIRE SITE	ELYRIA CLAYTON LANCASTER	N N N	X

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION V FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC* EMERGENCY
WI	ROCK PAINT & CHEM CO	MILTON	N	

USCG SITES

TOTALS FOR REGION V:	
Number of Removal Completions ...	23
NPL Sites	0
Classic Emergency Sites.....	6
Total Cost for FY 90 (excluding USCG sites)	\$7,871,889

⁺ A removal action was previously completed at this site.

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REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: MORRIS PAINTS AND VARNISH* CATEGORY: INACTIVE PRODUCTION FACILITY CITY: EAST ST. LOUIS STATE: IL NPL: N COST: \$455,000.00 EVENT: RV1 START: 03/16/90 COMPL: 06/06/90	<p>This site was a former paint manufacturing facility. The site covered two to three acres in an industrial/residential area. During a site inspection more than 2,000 drums were found in poor condition and areas of spillage, dumping and open burning were observed. A fire at the facility's warehouse, allegedly set by vandals, caused concern about the possibility of a similar occurrence at the manufacturing building. A site assessment confirmed the presence of low flashpoint materials.</p>	Toluene Methyl Ethyl Ketone Naphtha:stoddard Solvent	Direct Contact: Ingestion Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Recycling Excavation Overpacking Containers
NAME: MT RICHARDS OIL CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CROSSVILLE STATE: IL NPL: N COST: \$1,407,266.00 EVENT: RV1 START: 07/25/89 COMPL: 04/04/90	<p>This site was an abandoned oil refinery covering four acres in an agricultural, residential and light industrial area. The refinery had 39 oil tanks that were leaking PCB-contaminated oil into an adjacent waterway.</p>	Polychlorinated Biphenyls	Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Excavation
NAME: PAXTON AVENUE LAGOONS CATEGORY: MIDNIGHT DUMP CITY: CHICAGO STATE: IL NPL: N COST: \$250,000.00 EVENT: RV1 START: 09/11/89 COMPL: 01/26/90	<p>This site was a skimmer lagoon that had been an illegal dumping site since the 1950s. It was located in a predominantly industrial area and was approximately 1,000 feet by 500 feet in area.</p>	Ethylenediamine	Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Neutralize Materials Overpacking Containers Solidify Materials

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
<p>NAME: QUINCY DRUMS CATEGORY: OTHER CITY: QUINCY STATE: IL NPL: N COST: \$242,973.00 EVENT: RV1 START: 10/02/89 COMPL: 11/02/89</p>	<p>This site was located in a predominantly residential/agricultural area. The owner of the property acquired oily rock wool insulation from his former employer which he used to insulate the garage, a chicken coop, and around an underground pipe. The insulation turned out to be PCB contaminated.</p>	<p>Polychlorinated Biphenyls</p>	<p>Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination</p>	<p>Bulk Wastes Excavation</p>
<p>NAME: BAKER PROP CATEGORY: OTHER CITY: MUNICE STATE: IN NPL: N COST: \$125,000.00 EVENT: RV1 START: 11/20/89 COMPL: 02/13/90</p>	<p>This site was found 100-200 feet offshore at a depth of about 40 feet. A commercial diver encountered the drums and was subsequently burned by chemicals. A sonar survey of the area identified 12 suspected drum areas.</p>	<p>Solvents</p>	<p>Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Ecological Damage Ground Water Contamination</p>	<p>Overpacking Containers</p>
<p>NAME: C & M PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ROANOKE STATE: VA NPL: N COST: \$1,450,000.00 EVENT: RV2 START: 10/21/88 COMPL: 05/17/90</p>	<p>This site was an inactive metal plating facility located in a residential area adjacent to downtown business and shopping area. The site consisted of three buildings, one of which was used to store drummed hazardous wastes. A site assessment revealed that the roof was leaking and drums of cyanide were corroded and leaking. Two 6,000 gallon tanks of cyanide and over 100 bottles of lab chemicals were found.</p>	<p>Caustic Soda Solution Cyanides Chromium Copper Zinc Hydrogen Chloride Nitric Acid</p>	<p>Direct Contact: Ingestion Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/Explosion Hazard Soil Contamination Surface Water Contamination</p>	<p>Bulk Wastes Migration Control Overpacking Containers Collect/ Retain Contaminants Neutralize Materials Excavation</p>

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ENGINIUTY, INC. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ALBANY STATE: IN NPL: N COST: \$490,400.00 EVENT: RV1 START: 06/19/89 COMPL: 06/11/90	<p>This site was an inactive metal plating facility centrally located in a residential area. A site assessment documented the presence of hazardous wastes including cyanide, lacquer wastes, acids, and heavy metals. There was a leaking acid tank on the site and as a result 40 residences were excavated while the acids were contained.</p>	Cyanides Chromium Zinc Hydrogen Chloride Nitric Acid	Direct Contact: Dermal, Fire/ Explosion Hazard, Soil Contamination	Bulk Wastes Collect/ Retain Contaminants Excavation Neutralize Materials Overpacking Containers Blending
NAME: INGRAM RICHARDSON CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FRANKFORT STATE: IN NPL: N COST: \$130,500.00 EVENT: RV1 START: 05/23/90 COMPL: 07/06/90	<p>This former ceramic manufacturing plant was located in an industrial/residential area. A large transformer stored outside on an asphalt lot was vandalized and leaked ten gallons of PCB contaminated oil. Before the spill was discovered, trucks tracked the oil over 200-300 square feet of the lot.</p>	Aroclor 1260 (pcb)	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific	Excavation Migration Control
NAME: TRIPLE J MOTORS SITE CATEGORY: OTHER CITY: GARY STATE: IN NPL: N COST: \$18,400.00 EVENT: RV1 START: 09/14/89 COMPL: 12/06/89	<p>This site was an auto repair shop surrounded by residences and a school. One hundred and nine abandoned, leaking, dented and deteriorating five-gallon cans of paint and paint supplies were found. The containers were found to have a low flashpoint and there was evidence of soil contamination.</p>	Lead Solvents	Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard, Soil Contamination	Bulk Wastes Excavation

+ A removal action was previously completed at this site.
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REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTIONS(S)
NAME: TUSSEY TRAILER SITE*	CATEGORY: OTHER CITY: WATERLOO STATE: IN NPL: N COST: \$5,000.00 EVENT: RV1 START: 07/12/90 COMPL: 09/25/90	This site was a trailer which contained jars of potentially explosive materials. These jars were a mixture of household chemicals including chlorine and methanol. One of the jars had previously exploded and caused a small fire in the trailer.			
NAME: BROOKS FOUNDRY CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ALBION STATE: MI NPL: N COST: \$875,000.00 EVENT: RV1 START: 04/27/89 COMPL: 02/08/90	This company primarily manufactured counterweights for heavy construction equipment from 1942 through 1969. Characteristic wastes were being generated and improperly managed by the facility and the soil was found to contain PCB contamination. The presence of hundreds of drums of hazardous wastes and a significant gas leak were discovered. The presence of ignitable and corrosive characteristic wastes was confirmed.	Asbestos Polychlorinated Biphenyls Lead Mercury Cadmium Chromium Cobalt Hydrogen Chloride Nitric Acid	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Materials Collect/ Retain Contaminants Neutralize Materials Overpacking Containers Solidify Materials Recycling Soil Contamination Surface Water Contamination	Bulk Wastes Neutralize Materials
NAME: FOREST HUMBOLDT DUMPING* CATEGORY: MIDNIGHT DUMP CITY: DETROIT STATE: MI NPL: N COST: \$50,000.00 EVENT: RV1 START: 05/18/90 COMPL: 06/01/90	An anonymous note was received stating that drums of hazardous materials had been deposited in a vacant lot in a residential and light industrial area. The drums were marked "corrosive" and liquid material had pooled on the ground around them.	Bases	Direct Contact: Ingestion Direct Contact: Dermal Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Bulk Materials Collect/ Retain Contaminants Excavation Migration Control Pump, Drain Surface	

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 * This is a Classic Emergency removal action.

REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HAWKENS FURNISHINGS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: UNION CITY STATE: MI NPL: N COST: \$566,950.00 EVENT: RV2 START: 11/28/88 COMPL: 12/07/89	<p>This site housed a furniture outlet on the first floor and an abandoned plating facility in the basement. The Schaefer Manufacturing Company operated a plating facility at the site from 1939 until 1973. During operation, the majority of the plating wastes were discharged into an open septic system which overflowed into a river. The site also contained open drums and vats of wastes. Further investigation of this site revealed a second waste pit near the river bank.</p>	Polychlorinated Biphenyls Cyanides Lead Mercury Nickel Powder Cadmium Chromium Copper Zinc	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Excavation Migration Control Blending
NAME: MAINTENANCE MACHINE PRODUCTS, INC CATEGORY: OTHER CITY: MAYVILLE STATE: MI NPL: N COST: \$72,450.00 EVENT: RV1 START: 02/15/90 COMPL: 07/16/90	<p>This site was an abandoned machine shop containing 26 drums. There were apparent solvent odors, two leaking drums, and a badly leaking roof. The facility was unsecured and there was evidence of extensive vandalism. The site was surrounded by residences and streams.</p>	Toluene Acetone Trichloroethane Chromium	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Blending

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTIONS(S)
NAME: NAGEL RESIDENCE SITE CATEGORY: OTHER CITY: LINCOLN PARK STATE: MI NPL: N COST: \$228,000.00	EVENT: RV1 START: 09/21/89 COMPL: 11/14/89	This site was a three-bedroom home located in a residential neighborhood. Four individuals were hospitalized due to respiratory problems allegedly the result of a smelting operation conducted in the basement. A resident of the home acquired off-spec amalgam from his place of employment and was smelting the metal to recover any silver that may have been present. There were highly elevated levels of mercury inside the house but no elevated levels were recorded outside the house.	Mercury	Direct Contact: Inhalation Fire/ Explosion Hazard	Bulk Wastes Collect/ Retain Contaminants
NAME: PLATING EQUIPMENT USED INC CATEGORY: INACTIVE PRODUCTION FACILITY CITY: DETROIT STATE: MI NPL: N COST: \$25,000.00	EVENT: RV2 START: 05/08/90 COMPL: 05/29/90	This site is a former reconditioning and recycling facility for electroplating equipment and related chemicals located in a densely populated urban area. It was discovered that someone was illegally storing and generating hazardous wastes on site. This site also contained open vats filled with strong acids, bases, flammable and cyanide-bearing materials.	Cyanide Heavy Metals	Other Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Recycling Bulk Wastes Neutralization
NAME: TAYLOR SITE CATEGORY: OTHER CITY: DETROIT STATE: MI NPL: N COST: \$53,000.00	EVENT: RV1 START: 12/06/89 COMPL: 12/12/89	The resident of this site noticed evidence of an unknown substance in an isolated area of her backyard. The affected area was sampled and mercury contaminated soil was identified. The youngest child exhibited some medical problems which may be attributed to the mercury contamination.	Mercury	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination	Excavation

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION V

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: WALLED LAKE MERCURY SITE*		The Walled Lake Mercury Site consisted of a parking lot, grassy beach area, and a small lake behind an apartment building. A resident acquired mercury to use as weights in his remote control cars. His son took an undetermined amount of mercury and played with it in the aforementioned areas.	Mercury	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Excavation
NAME: WILSON DRAIN*	CATEGORY: MIDNIGHT DUMP	The Wilson Drain site was a storm sewer channel running into a river. A spill of an unknown petroleum-based solvent of unknown origin occurred in the Wilson drain.	Xylene,p-Xylene,m-Methyl Ethyl Ketone Xylene,o-	Direct Contact: Inhalation Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Migration Control Pump, Drain Surface Recycling
NAME: GLAZE PLATING FACILITY	CATEGORY: INACTIVE PRODUCTION FACILITY	This was an abandoned zinc plating facility located in a highly populated residential, industrial, and commercial area of the city. The facility was abandoned in 1985 after a fire. A second fire in 1988 destroyed the building, leaving no roof and open vats of wastes. An assessment showed liquids with pH from 1 to 13 and elevated levels of chromium and zinc.	Cyanides Lead Cadmium Chromium Copper Zinc	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ecological Damage Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Excavation Neutralize Materials

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION V

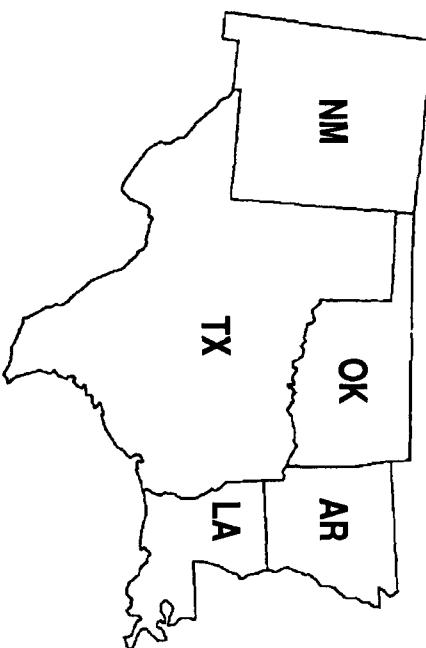
SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: K & S CIRCUITS(CLAYTON)	CATEGORY: INACTIVE PRODUCTION FACILITY	This site was an abandoned circuit board plating facility. It contained three buildings used to store a variety of chemicals, an area where plating sludge had been pumped onto a field, and an underground tank full of plating sludge.	Cyanides Acid Copper Lead Nickel Cadmium	Direct Contact: Dermal Direct Contact: Inhalation Soil Contamination Fire/ Explosion Hazard	Bulk Wastes Neutralization Excavation Overpacking Containers
CITY: CLAYTON	STATE: OH				
NPL: N	COST: \$650,000.00				
EVENT: RV1	START: 06/01/89				
COMPL: 02/15/90					
NAME: LANCASTER TIRE FIRE SITE*	CATEGORY: OTHER	This site was a former tire shredding and recapping facility. The site contained stockpiled tires. A fire broke out at the site and residents from 30 to 40 homes were evacuated.	Oil From Tires	Air Contamination Direct Contact: Inhalation Drinking Water Contamination Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Migration Control
CITY: LANCASTER	STATE: OH				
NPL: N	COST: \$10,000.00				
EVENT: RV1	START: 05/14/90				
COMPL: 05/16/90					
NAME: ROCK PAINT & CHEM CO	CATEGORY: INACTIVE PRODUCTION FACILITY	Rock Paint & Chem Co. formerly blended paints for use on machinery. While in operation, the company dumped paint solvents into an open pit on site. Two hundred drums of paint, paint waste, and a lab full of chemicals, and drums scattered around the site were found during a site assessment.	Xylene, O-Ethylbenzene Xylene, p-Xylene, m-Xylene, Toluene Methyl Ethyl Ketone Trichloroethylene	Direct Contact: Ingestion Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Overpacking Containers Blending
CITY: MILTON	STATE: WI				
NPL: N	COST: \$380, 950.00				
EVENT: RV1	START: 07/17/89				
COMPL: 04/10/90					

⁺ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

U.S. EPA REGION VI



For Information Contact:

**Chief, Emergency Response
Branch, Environmental
Services Division
1445 Ross Avenue
Dallas, TX 75202
(214) 655-2270**



REGION VI FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS		CLASSIC * EMERGENCY
			F	N	
LA	GULF COAST VACUUM SERVICES LOUISIANA VACUUM SERVICE MAIN PRO DRUM SITE	ABBEVILLE PORT ALLEN LAFAYETTE	F	N	
NM	CARNIVE-DEADMAN'S CURVE PAGANO SALVAGE SHIPROCK DRUM SITE	CARNIVE LOS LUNAS SHIPROCK	N	F	
OK	COYLE DRUMS	COYLE	N	N	
TX	BULL OIL CHEMICAL TRANSPORTER, INC. EL PASO DRUM SITE FRAZIER RESIDENCE GRANT ROAD DRUM SITE HARDY ROAD DRUM SITE HARRY HINES DRUM WAREHOUSE HIGH-TECH PLATING HWM, INC. PESSES CHEMICAL CO. SMITH COMPANY OF UVALDE TEX-TIN CORP. WAYNE FEEDS	SPRING EL PASO CROSBY HOUSTON SPRING DALLAS BALCH SPRINGS SOUTHLAKE FORT WORTH BATESVILLE TEXAS CITY PECOS	N	N	
USCG SITES					
TX	BOLIVAR PENINSULA I HOUSTON SHIP CHANNEL NINTH STREET DRUMS PORT ARTHUR DRUM PORT BOLIVAR II SABINE PASS DRUM SAN LUIS BEACH	PORT BOLIVAR HOUSTON GALVESTON PORT AUTHOR PORT BOLIVAR SABINE PASS GALVESTON	N	O	

+ A removal action was previously completed at this site.

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REGION VI FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
TX	SEAWALL, TX TERRAMAR BEACH	GALVESTON GALVESTON	N N	

TOTALS FOR REGION VI:

Number of Removal Completions	28
NPL Sites	4
Classic Emergency Sites.....	0
Total Cost for FY 90 (excluding USCG sites)	\$8,037,000

+ A removal action was previously completed at this site.

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REGION VI

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: GULF COAST VACUUM SERVICES CATEGORY: INACTIVE WASTE MGMT FAC CITY: ABBEVILLE STATE: LA NPL: Y COST: \$145,000.00 EVENT: RV1 START: 03/21/90 COMPL: 05/25/90	<p>This site was an active pit used for disposal of oil, mud, drilling fluid, and waste salt water generated by truck washing. This site is currently inactive. The west pit was overflowing its Levee. Due to holes in the fence, there was unrestricted access to the site.</p>	Volatile Compounds Lead Chromium Cadmium Arsenic Mercury Organic Compounds	Surface Water Contamination Fence Signs Pump And Treatment	
NAME: LOUISIANA VACUUM SERVICE CATEGORY: INACTIVE WASTE MGMT FAC CITY: PORT ALLEN STATE: LA NPL: N COST: \$345,000.00 EVENT: RV1 START: 10/02/89 COMPL: 02/14/90	<p>This site was an abandoned drilling fluid mixing facility. Bulging, corroding and leaking drums were found onsite.</p>	Aluminium Chromium Heavy Metals Aromatic Hydrocarbons	Fire/ Explosion Hazard Soil Contamination	Overpacking Containers Stage Containers On Site
NAME: MAIN PRO DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: LAFAYETTE STATE: LA NPL: N COST: \$75,000.00 EVENT: RV1 START: 03/12/90 COMPL: 06/27/90	<p>This abandoned facility was a distribution site for petroleum products. The drums found on this site contained oil field drilling materials and had deteriorated and were leaking.</p>	Volatiles	Surface Water Contamination Soil Contamination Fire/ Explosion Hazard Direct Contact: Inhalation Direct Contact: Dermal	Overpacking Containers Excavation Backfill
NAME: CARNIE-DEADMAN'S CURVE CATEGORY: INACTIVE WASTE MGMT FAC CITY: CARNIE STATE: NM NPL: N COST: \$100,000.00 EVENT: RV1 START: 05/03/89 COMPL: 05/02/90	<p>This site was previously a landfill, and operated from 1983-1985. There is a possibility of ground water contamination. No record of wastes was kept during the landfill operation.</p>	Nitromatic Hydrocarbons Gasoline (leaded) Organic Solvents Nitrocellulose	Drinking Water Contamination Ground Water Contamination Soil Contamination	

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VI

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)					
NAME: PAGANO SALVAGE CATEGORY: OTHER CITY: LOS LUNAS STATE: NM NPL: Y COST: \$1,950,000.00 EVENT: RV1 START: 06/21/89 COMPL: 06/18/90	<p>This site was an active salvage yard specializing in "high-tech" salvage materials. Several of the transformers and capacitors had leaked.</p>	NAME: SHIPROCK DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SHIPROCK STATE: NM NPL: N COST: \$90,000.00 EVENT: RV1 START: 08/28/89 COMPL: 04/06/90	NAME: COYLE DRUMS CATEGORY: OTHER CITY: COYLE STATE: OK NPL: N COST: \$550,000.00 EVENT: RV1 START: 04/09/90 COMPL: 07/26/90	NAME: BULL OIL CHEMICAL TRANSPORTER, INC. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SPRING STATE: TX NPL: N COST: \$1,500,000.00 EVENT: RV1 START: 07/12/89 COMPL: 03/09/90	<p>This site was an operation and maintenance facility. 38 drums were found, some of them containing pesticides. The drums had deteriorated and were leaking.</p> <p>This site was a rural pasture area containing approximately 50 buried drums.</p> <p>This site was a closed chemical storage and packaging facility.</p>	Pesticides Pesticides Organic Chemicals	Fire/ Explosion Hazard Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination Drinking Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion Soil Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Excavation Off Site Disposal Solidification/ Stabilization Overpacking Containers Excavation Incineration/ Thermal Destruction Off Site Disposal	

⁺ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VI

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EL PASO DRUM SITE CATEGORY: INACTIVE WASTE MGMT FAC CITY: EL PASO STATE: TX NPL: N COST: \$565,000.00 EVENT: RV1 START: 10/23/89 COMPL: 03/23/90	There was improper handling and storage of PCB contaminated liquids at the El Paso Drum Site.	Polychlorinated Biphenyls	Direct Contact: Non-Specific Soil Contamination	Excavation Incineration/ Thermal Destruction Off Site Disposal Landfill
NAME: FRAZIER RESIDENCE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CROSBY STATE: TX NPL: N COST: \$62,000.00 EVENT: RV1 START: 03/19/90 COMPL: 06/26/90	24 drums of hazardous materials were left at this private residence.	Poison B Corrosives Flammables	Direct Contact: Non-specific Off Site Disposal Overpacking Containers	
NAME: GRANT ROAD DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: HOUSTON STATE: TX NPL: N COST: \$100,000.00 EVENT: RV2 START: 11/27/89 COMPL: 06/19/90	The Grant Road Drum Site was an abandoned field containing approximately 50 drums.	Lead Chromium Xylene Toluene Ethylbenzene Trichloroethene	Direct Contact: Non-specific Stage Containers On Site Off Site Disposal Overpacking Containers	
NAME: HARDY ROAD DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: SPRING STATE: TX NPL: N COST: \$50,000.00 EVENT: RV1 START: 05/22/89 COMPL: 05/21/90	This site was a midnight dump. Drums made of fiberboard had decomposed and were threatening to rupture inner plastic liners.	Zinc Nitrate Diphenylamine 3,4-Dichlorophenyl Isocyanate	Direct Contact: Inhalation Direct Contact: Ingestion Fire/ Explosion Hazard Landfill Off Site Disposal Overpacking Containers	

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VI

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HARRY HINES DRUM WAREHOUSE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: DALLAS STATE: TX NPL: N EVENT: RV1 START: 08/01/89 COMPL: 05/15/90	NAME: HIGH-TECH PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: BALCH SPRINGS STATE: TX NPL: N COST: \$284,000.00 EVENT: RV1 START: 05/03/90 COMPL: 05/14/90	Cyanide Acidic Waste Caustic Sludge	Direct Contact: Non-Specific Soil Contamination	Backfill Excavation Off Site Disposal Overpacking Containers Solidification/ Stabilization
NAME: HWM, INC. CATEGORY: INACTIVE WASTE MGMT FAC CITY: SOUTHLAKE STATE: TX NPL: N COST: \$120,000.00 EVENT: RV1 START: 05/27/90 COMPL: 08/19/90	This site is a hazardous waste management facility. The company is known for its improper storage practices in three different locations in and around Southlake.	MIBK Toluene Xylene Ethanol Propanol Acetone TCE Chromium	Soil Contamination Surface Water Contamination	Off Site Disposal Overpacking Containers Solidification/ Stabilization Incineration/ Thermal Destruction
NAME: PESSES CHEMICAL CO. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FORT WORTH STATE: TX NPL: Y COST: \$10,000.00 EVENT: RV2 START: 07/09/90 COMPL: 07/12/90	The Pesses Chemical Co. was an abandoned recycling facility which accepted nickel cadmium sludge, copper cadmium sludge, off-spec batteries, and spent batteries.	Lead	Direct Contact: Non-Specific Fence Signs	

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VI

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SMITH COMPANY OF UVALDE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: BATESVILLE STATE: TX NPL: N COST: \$1,326,000.00 EVENT: RV1 START: 05/02/89 COMPL: 01/12/90	This facility formulated pesticide/herbicide products during a 30-35 year period. Their products were used in aerial applications. As a result of spills, leaks, poor operating practices, and improper disposal of wastes the site was contaminated.	Pesticides/herbicides	Direct Contact: Non-Specific Soil Contamination	Landfill Excavation
NAME: TEX-TIN CORP. CATEGORY: ACTIVE PRODUCTION FACILITY CITY: TEXAS CITY STATE: TX NPL: Y COST: \$50,000.00 EVENT: RV1 START: 09/29/89 COMPL: 10/06/89	This site consisted of 128 acres, which was originally started as a tin smelter by the U.S. Government during World War II. It began as a Fund Lead removal but has subsequently been taken over by the responsible party.	Heavy Metals	Direct Contact: Non-Specific Fence	Fence
NAME: WAYNE FEEDS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PECOS STATE: TX NPL: N COST: \$15,000.00 EVENT: RV1 START: 07/30/90 COMPL: 08/02/90	This site was an inactive pesticide formulation business.	Pesticides	Direct Contact: Non-Specific Fence Signs	Fence Signs

[†] A removal action was previously completed at this site.
^{*} This is a Classic Emergency removal action.

U.S. EPA REGION VII



For Information Contact:

**Chief, Emergency Planning
and Response Branch,
Environmental Services Division**
25 Funston Road
Kansas City, KS 66115
(913) 551-5000



REGION VII FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
KS	CHEMICAL COMMODITIES INC-OLATHE + GARLAND PARK DRUMS TRROUP/THOMPSON DRUM SITE	OLATHE KANSAS CITY KANSAS CITY	NNN	
MO	BARTON STREET DRUM BRANCH STREET DRUM SITE EGGEMAN DRUM SITE ELLISVILLE AREA SITE GARFIELD STREET DRUMS HARLEM DRUM KRAMER SITE MULBERRY HILL ROAD DUMP SCHOOL STREET DRUM SITE SOUTH CITY INCINERATOR STRINGBERG DRUM	ST LOUIS ST LOUIS POTOSI BALLWIN ST LOUIS KANSAS CITY ELVINS BARNHART ST LOUIS HARRISONVILLE	NNNNNNNNNNNNNN	X
NE	OMAHA CAR WASH SUNOL LYE SPILL	OMAHA SUNOL	NN	

USCG SITES

TOTALS FOR REGION VII:	
Number of Removal Completions ...	16
NPL Sites	1
Classic Emergency Sites.....	1
Total Cost for FY 90 (excluding USCG sites)	\$1,379,677

* A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION VII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CHEMICAL COMMODITIES INC-OLATHE+	CATEGORY: ACTIVE PRODUCTION FACILITY	This facility had been in generation, transportation, recycling, repackaging, and storage of various chemicals since the early 1950s. The chemicals were stored on the grounds in six buildings, two storage trailers, and boxes.	1,2-Dichloroethane Dichlorobenzene (mixed) Carbon Tetrachloride Acetone Methyl Ethyl Ketone Trichloroethylene	Direct Contact: Non-Specific Containment Fire/ Explosion Hazard Soil Contamination Ground Water Contamination	Overpacking Containers Stage Containers On Site Solidification/ Stabilization
CITY: OLATHE	STATE: KS	There were thousands of chemical containers containing industrial type chemicals and old lab chemicals. Chlorinated solvents were stored in above ground tanks and had contaminated the soil. Facility was a major threat to the public because of the storage conditions.	Ethybenzene Toluene Aluminum (fume Or Dust) Barium And Compounds Methyl Chloride	Air Contamination Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Incineration/ Thermal Destruction
NPL: N	COST: \$870,000.00	Forty-five one-to five-gallon containers were midnight dumped in a city park. The containers were found to contain flammable and hazardous substances. There existed the threats of direct contact, soil and air contamination, and fire and/or explosion.			
EVENT: RV1	START: 06/12/89				
COMPL: 04/04/90					
NAME: GARRARD PARK DRUMS	CATEGORY: MIDNIGHT DUMP	Four drums were abandoned at the intersection of Troup and Thompson streets. Three of the drums contained flammables composed of volatile organics. There were threats of fire and/or explosion and direct contact to the public.	Ethybenzene Toluene Cyclohexane Benzene Tetrachloroethane	Air Contamination Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination	Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Incineration/ Thermal Destruction
CITY: KANSAS CITY	STATE: KS				
NPL: N	COST: \$545.00				
EVENT: RV1	START: 11/27/89				
COMPL: 01/23/90					
NAME: TROUP/THOMPSON DRUM SITE	CATEGORY: MIDNIGHT DUMP				
CITY: KANSAS CITY	STATE: KS				
NPL: N	COST: \$545.00				
EVENT: RV1	START: 11/27/89				
COMPL: 07/11/90					

⁺ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BARTON STREET DRUM CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: \$545.00 EVENT: RV1 START: 06/12/90 COMPL: 08/14/90	An abandoned drum was found in an industrial area and within 50 feet of the Mississippi River. The drum was labelled as "Cork Mastic". The drum presented a threat based on ignitability and the possibility of a release to the river.	Ethylbenzene Methyl Isobutyl Ketone Bis(2-Ethyhexyl)phthalate Tetrachloroethylene Xylene Benz(g,h,i)perylene Benzene	Fire/ Explosion Hazard Surface Water Contamination	Stage Containers On Site Incineration/ Thermal Destruction Off-Site
NAME: BRANCH STREET DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: \$15,870.00 EVENT: RV1 START: 04/05/89 COMPL: 10/18/89	Six partially filled drums were dumped and abandoned on city property. The drummed material was unsecured in an industrial area adjacent to commercial and residential property. The drums were rusty and dented with a release of material from one drum. The drums were unlabelled.	Ethylbenzene Tetrachloroethylene Methyl Ethyl Ketone	Direct Contact: Ingestion Direct Contact: Dermal Ground Water Contamination	Overpacking Containers
NAME: EGGENMAN DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: POTOSI STATE: MO NPL: N COST: \$108,000.00 EVENT: RV2 START: 09/12/89 COMPL: 01/30/90	This site was an abandoned drum site and non-permitted disposal site. The owner used it as a salvage/storage area and the site contained junked cars, scrap metal, drums, and paint cans. Though this site was in a rural, sparsely populated area, approximately 935 people lived within three miles of the site. Local drinking water was obtained from a shallow aquifer threatened by the site.	Anthracene Pyrene Benzo(a)pyrene 1,2-Dichloroethylene Trichloroethylene	Direct Contact: Ingestion Drinking Water Contamination Ground Water Contamination Fire/ Explosion Hazard Air Contamination	Off Site Disposal Overpacking Containers

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION

NAME:	ELLISVILLE AREA SITE	CATEGORY:	MIDNIGHT DUMP	CITY:	BALLWIN
STATE:	MO	NPL:	Y	COST:	\$93,718.00
EVENT:	RV1	START:	06/07/90	COMPL:	07/31/90
NAME:	GARFIELD STREET DRUMS	CATEGORY:	MIDNIGHT DUMP	CITY:	ST LOUIS
STATE:	MO	NPL:	N	COST:	\$7,800.00
EVENT:	RV1	START:	06/12/90	COMPL:	08/14/90
NAME:	HARLEM DRUM	CATEGORY:	MIDNIGHT DUMP	CITY:	KANSAS CITY
STATE:	MO	NPL:	N	COST:	\$115,320.00
EVENT:	RV1	START:	09/29/89	COMPL:	03/01/90

This site was used to dispose of drummed liquid and solid wastes and contained an estimated 1,000 deteriorated drums. The site was situated on a guilty that drained directly into the headwaters of a tributary of the Missouri River. A visible discharge of leachate was flowing into the creek from the buried and partially buried drums. There was evidence that the underlying ground water was being contaminated by the downward flow of leachate from the site.

Four 55-gallon drums of flammable liquid were abandoned in a residential area. The drums were deemed as hazardous based on ignitability.

Ethylbenzene
Methyl Isobutyl Ketone
Toluene
Xylenol
Methyl Ethyl Ketone

NAME: ELLISVILLE AREA SITE

CATEGORY: MIDNIGHT DUMP

CITY: BALLWIN

STATE: MO

NPL: Y

COST: \$93,718.00

EVENT: RV1

START: 06/07/90

COMPL: 07/31/90

NAME: GARFIELD STREET DRUMS

CATEGORY: MIDNIGHT DUMP

CITY: ST LOUIS

STATE: MO

NPL: N

COST: \$7,800.00

EVENT: RV1

START: 06/12/90

COMPL: 08/14/90

NAME: HARLEM DRUM

CATEGORY: MIDNIGHT DUMP

CITY: KANSAS CITY

STATE: MO

NPL: N

COST: \$115,320.00

EVENT: RV1

START: 09/29/89

COMPL: 03/01/90

SITE DESCRIPTION

PRIMARY CONTAMINANTS

THREATS

MITIGATIVE ACTION(S)

Ethylbenzene
Toluene
2,3,7,8-Tetrachloro Dibenzo-p-Dioxin(tccd)

Direct Contact: Non-Specific Soil Contamination Surface Water Contamination

Ethylbenzene
Methyl Isobutyl Ketone
Toluene
Xylenol
Methyl Ethyl Ketone

Fire/ Explosion Hazard
Incineration/ Thermal Destruction

Ecological Damage
Fire/ Explosion Hazard
Soil Contamination

Excavation
Overpacking Containers
Stage Containers On Site

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

REGION VII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: KRAMER SITE* CATEGORY: INACTIVE WASTE MGMT FAC CITY: ELVINS STATE: MO NPL: N COST: \$100,000.00 EVENT: RV2 START: 06/15/90 COMPL: 06/22/90	The Kramer Site was a former unlicensed dump site used for drum disposal from 1973 to 1982. The drums were visible on the surface and additional drums were believed to be buried. There was a fire at the site which caused noxious smoke and danger of exploding drums.	Toluene Aluminum Oxide Methyl Alcohol Methyl Ethyl Ketone Iso-Propanolamine	Air Contamination Biological Threat Ground Water Contamination Soil Contamination Surface Water Contamination	Overpacking Containers
NAME: MULBERRY HILL ROAD DUMP CATEGORY: MIDNIGHT DUMP CITY: BARNHART STATE: MO NPL: N COST: \$545.00 EVENT: RV2 START: 06/12/90 COMPL: 08/14/90	Eighteen drums were discovered on this site that were apparently left behind when other drums were removed. They had accidentally been covered with trash and debris. One drum contained flammable material considered hazardous. The possibility of ignitability presented a threat of fire and/or explosion to the environment.	Aluminum (Fume Or Dust) Barium And Compounds Zinc	Fire/ Explosion Hazard	Stage Containers Off Site Off-Site Temporary Storage
NAME: SCHOOL STREET DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: \$23,600.00 EVENT: RV1 START: 05/11/89 COMPL: 03/22/90	Nine drums were discovered in a vacant lot abandoned by an unknown party. The drums contained flammable materials and one drum contained a solid material found to be toxic for mercury. The material presented the possibility of an ingestion hazard, a direct contact hazard, and a threat to ground water.	Mercury	Direct Contact: Dermal Direct Contact: Ingestion Ground Water Contamination	Overpacking Containers Stage Containers Off Site Temporary Storage Off-Site Temporary Storage

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SOUTH CITY INCINERATOR CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: \$8,144.00 EVENT: RV1 START: 04/06/89 COMPL: 12/13/89		Four unsecured drums of hazardous waste were abandoned on city property at the South City Incinerator. The drums were in fairly good condition and there was no evidence of leakage. The potential of exposure existed due to heavy truck traffic and heavy equipment operation in this industrial area.	Styrene Toluene Benzene Creosote, coal Tar	Direct Contact; Non-Specific Surface Water Contamination	Overpacking Containers
NAME: STRINGBERG DRUM CATEGORY: MIDNIGHT DUMP CITY: HARRISONVILLE STATE: MO NPL: N COST: \$545.00 EVENT: RV1 START: 04/24/90 COMPL: 08/14/90		The Stringbergs requested assistance with a leaking drum abandoned on their property. The 20-gallon drum was found to contain DDT, a suspected human carcinogen.	DDT	Direct Contact; Non-Specific Soil Contamination	Overpacking Containers
NAME: OMAHA CAR WASH CATEGORY: MIDNIGHT DUMP CITY: OMAHA STATE: NE NPL: N COST: \$15,000.00 EVENT: RV1 START: 07/03/90 COMPL: 07/11/90		Six five-gallon cans of wastes were abandoned at an Omaha car wash and adjacent private residence. The cans were discovered to contain chloroform. Two of them were open upon discovery. These cans were not secured and easily accessible to the public. Additionally, they represented an extreme fire hazard.	Ethylbenzene Xylene, p-Xylene, m-Xylene Toluene Chloroform Xylene, o-	Biological Threat Fire/ Explosion Hazard	Stage Containers On Site Temporary Storage

+ A removal action was previously completed at this site.
 * This is a Classic Emergency removal action.

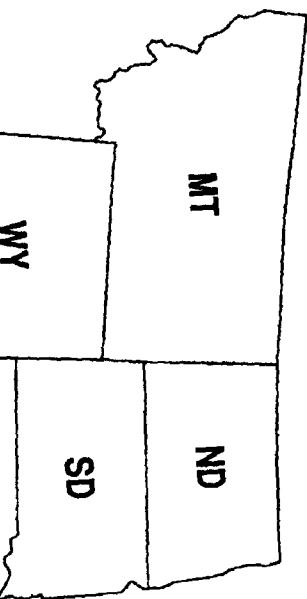
REGION VII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SUNOL LYE SPILL	CATEGORY: MIDNIGHT DUMP	Unknown quantities of caustic sodium hydroxide powder were dumped by an entrance ramp to I-80. This material represented a severe threat to the public because of its extremely alkaline nature. Contact with this material could cause extensive damage to the eyes, skin, and alimentary canal. It could also result in blindness.	Caustic Soda Solution	Direct Contact: Ingestion Direct Contact: Dermal	Containment Off Site Disposal Neutralization

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION VIII



For Information Contact:

**Chief, Emergency Response
Branch, Hazardous Waste
Management Division**
One Denver Place
999 18th Street, Suite 500
Denver, CO 80202-2405
(303) 293-1723



REGION VIII FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	CLASSIC *	NPL STATUS
			EMERGENCY	
CO	AUSTIN BLUFFS DRUMS	COLORADO SPRINGS		N
	CHEMICAL SALES (NEW LOCATION)	DENVER	X	F
	ELIZABETH HORSE FARM	ELIZABETH		N
	LEADVILLE DRUMS	LEADVILLE		N
	LIMON ELEVATOR	LIMON	X	N
MT	ROCKY FLATS INDUSTRIAL PARK (THORO)	GOLDEN	X	N
	BLACKFEET PENCIL FACTORY	BROWNING		N
	LAME DEER DRUMS	LAME DEER		N
	MOUAT INDUSTRIES	COLUMBUS		F
SD	ROCKY BOY POST AND POLE	BOX ELDER		N
	CUNY TABLE BAIT	EAGLE BUTTE		N
	TWISS BUS BAIT	ROCKYFORD (NEAR	X	N
UT	BECK STREET SALVAGE	SALT LAKE CITY		N

USCG SITES

TOTALS FOR REGION VIII:	
Number of Removal Completions ...	13
NPL Sites	2
Classic Emergency Sites.....	6
Total Cost for FY 90 (excluding	
USCG sites)	\$4,188,965

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION VIII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AUSTIN BLUFFS DRUMS CATEGORY: MONTIGHT DUMP CITY: COLORADO SPRINGS STATE: CO NPL: N COST: \$10,114.00 EVENT: RV1 START: 08/23/89 COMPL: 10/13/89	<p>This site was a remote location where someone illegally dumped 16 drums of waste along a roadside. Hazcattting of materials revealed high ignitability and organic vapors. The drums were leaking an oily black liquid presumed to be paint waste and or cleaning waste. The nearest residence was 100 yards away.</p>	Flammables Various Volatile Organics Paint/cleaning Wastes	Air Contamination Direct Contact: Inhalation Direct Contact: Non-Specific	Bulk Wastes Overpacking Containers Stage Containers On Site Off Site Disposal
NAME: CHEMICAL SALES (NEW LOCATION)* CATEGORY: OTHER CITY: DENVER STATE: CO NPL: Y COST: \$30,675.00 EVENT: RV1 START: 02/11/89 COMPL: 10/02/89	<p>159 drums which were stored on site in an industrial area were discovered to be in leaking and deteriorating condition. The contents of the drums included decon water, decon sludges, and soil samples left from previous remedial investigation activities at Chemical Sales/Rocky Mountain Arsenal Superfund Site. The site also contained some flammables.</p>	Flammables TCE Organics	Fire/ Explosion Hazard Ground Water Contamination Soil Contamination	Overpacking Containers Stage Containers On Site Containment Temporary Storage Off Site Disposal Incineration/ Thermal Destruction
NAME: ELIZABETH HORSE FARM CATEGORY: MIDNIGHT DUMP CITY: ELIZABETH STATE: CO NPL: N COST: \$476,000.00 EVENT: RV1 START: 07/09/90 COMPL: 09/10/90	<p>The site which was being used as an equestrian recreation area was formerly used as a storage and disposal site for capacitors. A site assessment indicated the presence of PCBs and in several areas the concentration of PCBs was high.</p>	Polychlorinated Biphenyls Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Non-Specific Soil Contamination	Excavation Overpacking Containers Stage Containers On Site Containment Off Site Disposal Monitoring Wells Installed	Excavation Overpacking Containers Stage Containers On Site Containment Off Site Disposal Monitoring Wells Installed
NAME: LEADVILLE DRUMS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: LEADVILLE STATE: CO NPL: N COST: \$671.00 EVENT: RV1 START: 06/13/89 COMPL: 12/19/89	<p>A spill of free, elemental mercury occurred in the backyard of a private residence. Two drums of mercury contaminated soils were temporarily stored in a city maintenance yard. After recovery of the mercury, the remaining soil was disposed of as non-hazardous waste.</p>	Mercury	Direct Contact: Inhalation Direct Contact: Non-Specific Soil Contamination	Bulk Materials Collect/ Retain Contaminants Stage Containers Off Site Excavation Containment Temporary Storage Gravity Separation

+ A removal action was previously completed at this site.

* This is a C-class Emergency removal action.

REGION VIII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION		SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: LIMON ELEVATOR*	CATEGORY: OTHER	Following a tornado, a collapsed, abandoned pesticide storage facility revealed numerous leaking containers of pesticides, three shock-sensitive, compressed gas cylinders, and 20 yards of contaminated soil.	Ethylen Dibronide 1,2-Dichloroethane Malathion Aluminum Phosphide DDT Carbon Tetrachloride Parathion, liquid Benzene Hexachloride Calcium Cyanide	Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination Air Contamination	Bulk Materials Collect/ Retain Contaminants Neutralize Materials Overpacking Containers Pump, Drain Surface Excavation Stage Containers On Site Off Site Disposal Containment
NAME: ROCKY FLATS INDUSTRIAL PARK (THOR	CATEGORY: ACTIVE PRODUCTION FACILITY	Chemical wastes were discharged into a tributary which eventually drains into a lake and reservoir. Ground water contamination was present. Shallow wells around the lake may have used surface water for domestic use and the lake was a source of water for irrigation. Fire/explosion hazard was a key concern because the site was in "no man's land" for fire protection. Local fire departments were unwilling to respond to emergencies at the site.	1,2-Dichloroethane Toluene 1,4-Dioxane Tetrachloroethylene 1,2-Dichloroethylene Chloroform Trichloroethane Arsenic Dust Vinyl Chloride	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Containment Equipment Installation Migration Control Monitoring Wells Installed Air Stripping
NAME: BLACKFEET PENCIL FACTORY*	CATEGORY: ACTIVE PRODUCTION FACILITY	Improper handling of TCE by the Blackfeet Writing Company's Pencil Factory contaminated soils adjacent to a potable water service line for Blackfeet Pencil Factory. This is a nationally significant removal site due to its location on Indian Lands.	Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Soil Contamination	Equipment Installation Excavation Containment

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION VIII

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: LAME DEER DRUMS* CATEGORY: MIDNIGHT DUMP CITY: LAME DEER STATE: MT NPL: N EVENT: RV1 START: 11/01/89 COMPL: 07/20/90	<p>Twenty-six 55-gallon drums were discovered on an Indian reservation in deteriorating condition. 17 of the drums were leaking onto the ground. There was the threat of fire and/or explosion and contamination of a drinking water well that was only 300 feet away.</p>	Xylene,p-Asbestos	Fire/ Explosion Hazard Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination Drinking Water Contamination	Overpacking Containers Off Site Disposal
NAME: MOUNT INDUSTRIES CATEGORY: INACTIVE PRODUCTION FACILITY CITY: COLUMBUS STATE: MT NPL: Y COST: \$22,000.00 EVENT: RV1 START: 03/30/90 COMPL: 04/13/90	<p>Chromium ore processing has led to suspected soil, ground water, and surface water contamination both on and off site. This site was located near a business and employees have easy access to contaminated portions of the site.</p>	Chromium	Soil Contamination Surface Water Contamination Direct Contact: Ingestion Direct Contact: Inhalation Ground Water Contamination	Installed Fence
NAME: ROCKY BOY POST AND POLE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: BOX ELDER STATE: MT NPL: N COST: \$2,500,000.00 EVENT: RV1 START: 09/12/88 COMPL: 08/31/90	<p>The Post and Pole Treating facility located on the Rocky Boy Indian Reservation had been in operation for 15 years with uncontrolled spillage and disposal of waste products. This site was an abandoned 2-acre post and telephone pole treating plant. Individuals continued to enter the site to use chemical vats to treat wooden posts and to fill propane tanks. This was a nationally significant site due to the presence of dioxin and its location on Indian lands.</p>	Dibenzofuran Benz(j,k)fluorene 1,2-Benzanthracene Benz(a)pyrene Creosote, coal Tar Creosote (Wood) Pentachlorophenol Dioxin	Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation Stage Containers On Site Incineration/ Thermal destruction On-Site

* A removal action was previously completed at this site.
 This is a Classic Emergency removal action.

REGION VIII

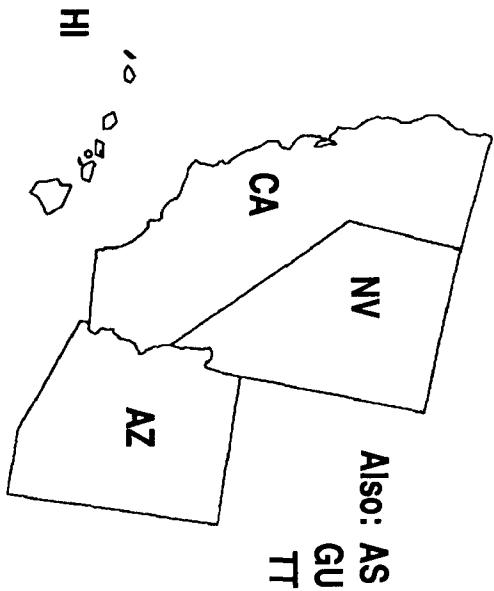
SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CUNY TABLE BAIT* CATEGORY: MIDNIGHT DUMP CITY: EAGLE BUTTE STATE: SD NPL: N COST: \$7,045.00 EVENT: RV1 START: 04/06/89 COMPL: 04/04/90	Approximately 45 bags of oats treated with zinc phosphide were discovered on Indian Reservation land. This hazardous material, originally used as prairie dog bait, was stored in a dilapidated shed in danger of immediate collapse. The area was used heavily for cattle grazing and the nearest residence was 150 yards away.	Zinc Phosphide	Direct Contact: Ingestion Direct Contact: Non-Specific Soil Contamination Direct Contact: Inhalation Fire/ Explosion Hazard	Bulk Materials Overpacking Containers Stage Containers On Site Containment Off Site Disposal
NAME: TWISS BUS BAIT CATEGORY: MIDNIGHT DUMP CITY: ROCKYFORD (NEAR) STATE: SD NPL: N COST: \$7,000.00 EVENT: RV1 START: 04/04/90 COMPL: 04/04/90	Approximately seven tons of abandoned prairie dog bait were discovered in an old school bus and dilapidated shed. There was concern due to children residing in a nearby orphanage and the possibility of vandalism/deterioration of the bus or shed.	Zinc Phosphide	Biological Threat Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Wastes Collect/ Retain Contaminants Stage Containers On Site Off Site Disposal
NAME: BECK STREET SALVAGE CATEGORY: INACTIVE WASTE MGMT FAC CITY: SALT LAKE CITY STATE: UT NPL: N COST: \$723,500.00 EVENT: RV1 START: 01/30/89 COMPL: 10/31/89	Beck Street Salvage site formerly operated as a military salvage yard. Approximately 200 drums and 40,000 small containers of solvents and oil substances were found in leaking, deteriorating condition. The site was fenced but not securely enough to keep out transients and trespassers. The fact that the site was located near a gas refinery increased the risk of fire/explosion.	Chromic Acid Asbestos Polychlorinated Biphenyls Cyanides Chromium Trioxide	Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Bulk Wastes Excavation Overpacking Containers Stage Containers On Site Containment Off Site Disposal

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

U.S. EPA REGION IX



For Information Contact:

**Chief, Emergency Response
Section, Field Operations Branch,
Hazardous Waste Management
Division**

**75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1730**



REGION IX FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC* EMERGENCY
AS	AMERICAN SAMOA PESTICIDES	TAFUNA	N	
CA	BORDER AREA DRUM SITE DURHAM DRUM SITE LOMPOC PLATING SITE NORCO BATTERY PRAFTER DRUM SITE ROSEVILLE DRUMS SUNLAND CHEMICAL SITE	SAN DIEGO VICINITY GARDEN VALLEY LOMPOC NORCO BAKERSFIELD PLACER CITY SUNLAND	N N N N N N N	X X X

USCG SITES

TOTALS FOR REGION IX:	
Number of Removal Completions ...	8
NPL Sites	0
Classic Emergency Sites.....	3
Total Cost for FY 90 (excluding USCG sites)	\$3,406,240

[†] A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION IX

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AMERICAN SAMOA PESTICIDES CATEGORY: OTHER CITY: TAFUNA STATE: AS NPL: N COST: \$106,502.00 EVENT: RV1 START: 04/02/90 COMPL: 07/27/90	<p>The American Samoa Department of Agriculture's pesticide and chemical storage building was destroyed by a hurricane. Approximately 95% of the pesticides were damaged. Many transformers also were damaged. Six of 47 transformers were found to contain PCBs.</p>	Polychlorinated Biphenyls Dieldrin Direct Contact: Ingestion Chlorine	Direct Contact: Dermal Direct Contact: Inhalation	Bulk Wastes Neutralize Materials Overpacking Containers
NAME: BORDER AREA DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: SAN DIEGO VICINITY STATE: CA NPL: N COST: \$75,000.00 EVENT: RV1 START: 07/19/90 COMPL: 07/19/90	<p>Approximately 89 drums were found at a closed pottery kiln warehouse in Tijuana, Mexico. It was determined that the drums originated in the United States. The drums were tested on site and nine hazard groups were found to be present. The drums were transferred to the US EPA and disposed of at a regulated disposal facility.</p>	Paint Wastes Methyl Ethyl Ketone Trichloroethane	Fire/ Explosion Hazard	Overpacking Containers Stage Containers Off Site
NAME: DURHAM DRUM SITE* CATEGORY: OTHER CITY: GARDEN VALLEY STATE: CA NPL: N COST: \$310,000.00 EVENT: RV1 START: 10/24/89 COMPL: 07/20/90	<p>There were 75 drums and 1,000 1 to 5 gallon containers of military surplus chemicals stockpiled at a private residence. The Durham Drum Site was one of the largest methamphetamine drug labs in the state.</p>	Benzene Acetone Phosphoric Acid Chromic Acid Ethyl Acetate Hydrogen Chloride Resins Lead Based Paints Flammable Liquids	Direct Contact: Dermal Direct Contact: Ingestion Soil Contamination Direct Contact: Inhalation Ecological Damage Fire/ Explosion Hazard Ground Water Contamination Surface Water Contamination	Stage Containers On Site Stage Containers Off Site Bulk Materials Bulk Wastes Neutralize Materials Overpacking Containers Excavation Temporary Storage Other Treatment Technologies
NAME: LOMPOC PLATING SITE* CATEGORY: OTHER CITY: LOMPOC STATE: CA NPL: N COST: \$165,000.00 EVENT: RV1 START: 04/01/90 COMPL: 07/31/90	<p>Approximately 75 drums and 20 tanks of hazardous chemicals were found in a dilapidated residence at the Lompoc Plating Site. There were environmental threats to ground water and potential threats to a nearby flower farm and national park, as well as local residents.</p>	Hydrochloric Acid Solvents Cyanides	Ground Water Contamination Biological Threat	Bulk Materials Bulk Wastes

+ A removal action was previously completed at this site.
 * This is a CCR Classic Emergency removal action.

REGION IX

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: NORCO BATTERY CATEGORY: OTHER CITY: NORCO STATE: CA NPL: N COST: \$2,200,343.00 EVENT: RV2 START: 02/08/89 COMPL: 10/27/89	<p>Norco Battery was a battery recycling operation which was no longer in business. A Department of Health investigation indicated hazardous lead levels on site. In addition, a site sample confirmed contamination on and off site.</p>	Lead	Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation
NAME: PRATTER DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: BAKERSFIELD STATE: CA NPL: N COST: \$365,000.00 EVENT: RV3 START: 07/24/89 COMPL: 03/23/90	<p>Approximately 270 drums of hazardous wastes were discovered at a furniture warehouse in a mixed commercial/residential area. The materials were stored on site for more than 90 days without segregation according to hazard class. Some drums were unmarked or had illegible markings. Proximity of drums to local residences warranted action.</p>	Acetyl Chloride Anhydrous Hydrazine Ethyl Bromide Carbon Tetrachloride Formic Acid Vinyl Ethyl Ether Benzene Acetone Phosphoric Acid	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Stage Containers Off Site
NAME: ROSEVILLE DRUMS* CATEGORY: MIDNIGHT DUMP CITY: PLACER CITY STATE: CA NPL: N COST: \$15,000.00 EVENT: RV1 START: 03/03/88 COMPL: 08/15/90	<p>Drums containing phenolic hazardous substances were midnight dumped on a little used, dirt road. These drums had leaked their contents onto the ground and some surface soil contamination was present.</p>	Toluene Phenol 1-Hexane Dichloromethane	Air Contamination Direct Contact: Dermal Direct Contact: Inhalation Surface Water Contamination Soil Contamination	Overpacking Containers Stage Containers On Site Excavation Blending

* A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION IX

SUPERFUND EMERGENCY RESPONSE ACTIONS

<u>SITE INFORMATION</u>	<u>SITE DESCRIPTION</u>	<u>PRIMARY CONTAMINANTS</u>	<u>THREATS</u>	<u>MITIGATIVE ACTION(S)</u>
NAME: SUNLAND CHEMICAL SITE CATEGORY: OTHER CITY: SUNLAND STATE: CA NPL: N COST: \$169,395.00 EVENT: RV1 START: 05/29/90 COMPL: 06/14/90	<p>This site is located in a residential area. There were three buildings on the property housing the resident and the chemicals. Four thousand reagents bottles were found on site containing eight hazard groups. They had been stored at the site since 1992. There existed the threat of fire, spillage, and migration of chemicals on the site to the surrounding neighborhood.</p>	Aluminium Chromium Mercury Tin Picric Acid Nitric Acid	Air Contamination Fire/ Explosion Hazard Soil Contamination	Stage Containers Off Site Detonation Recycling

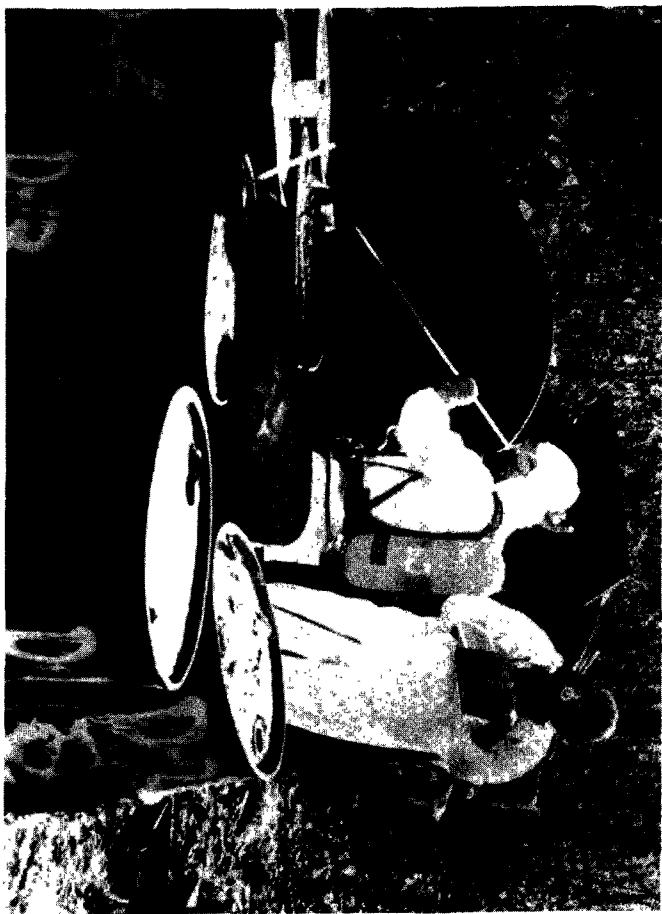
+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION X



For Information Contact:

**Chief, Superfund Response
and Investigations Section,
Hazardous Waste Division**
1200 Sixth Avenue
Seattle, WA 98101
(206) 442-1263



REGION X FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
ID	AGRICULTURE SUPPLY INC. ARRCOM CORP (DREXLER ENTERPRISE INC)	MARSING RATHDRUM	N F	
WA	CLIFF'S BATTERY SERVICE CROP KING/WOODS PESTICIDE FIRE	SUNNYSIDE YAKIMA	N N	

USCG SITES

TOTALS FOR REGION X:	
Number of Removal Completions ...	4
NPL Sites	1
Classic Emergency Sites.....	0
Total Cost for FY 90 (excluding USCG sites)	\$2,359,000

+ A removal action was previously completed at this site.

* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION X

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AGRICULTURE SUPPLY INC. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MARSING STATE: ID NPL: N COST: \$95,000.00 EVENT: RV1 START: 06/11/90 COMPL: 09/13/90	<p>This 1.25-acre site in a mixed residential commercial area which is operated as retail sales of agricultural chemicals was abandoned in 1986. The site contained two leaking sulfuric acid tanks, numerous acid/sludge pesticide containers and DDT-contaminated soil. The area has a river and is in close proximity to shallow community drinking water wells.</p>	Sulfuric Acid	Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Ground Water Contamination Soil Contamination	Bulk Wastes Off Site Disposal
NAME: ARRCOM CORP (DREXLER ENTERPRISE I CATEGORY: INACTIVE PRODUCTION FACILITY CITY: RATHDRUM STATE: ID NPL: Y COST: \$438,000.00 EVENT: RV3 START: 04/10/90 COMPL: 05/30/90	<p>This site was a 1.2-acre abandoned waste oil recycling facility located above a sole source aquifer which contributes to the Spokane river. Twenty-seven partially filled storage tanks were found on site, a number of them leaking. Asbestos piping was found in the boiler room. The site was not secure as a result of vandalism.</p>	Lead	Direct Contact: Inhalation Direct Contact: Dermal	Bulk Wastes Landfill Grade
NAME: CLIFF'S BATTERY SERVICE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SUNNYSIDE STATE: WA NPL: N COST: \$1,350,000.00 EVENT: RV1 START: 03/21/90 COMPL: 05/12/90	<p>This two-acre site is located in a mixed commercial/residential area, and operated from 1958 to 1981 dismantling lead batteries with disposal of casings in a nearby marshy area. Lead content in the soil is as high as 35%. The casings layer is approximately 25 inches thick and buried at a depth of 60 inches.</p>	Lead Acid	Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Soil Contamination	Bulk Wastes Off Site Disposal Backfill

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

REGION X**SUPERFUND EMERGENCY RESPONSE ACTIONS**

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CROP KING/WOODS PESTICIDE FIRE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: YAKIMA STATE: WA NPL: N COST: \$476,000.00 EVENT: RV1 START: 12/06/89 COMPL: 04/26/90	An abandoned warehouse in an industrial area of Yakima burned. Contents included pesticides, herbicides, asbestos and unknowns. Fire was contained with water which was partially collected. Initial work was done under emergency conditions.	Asbestos Pesticides	Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Soil Contamination	Bulk Wastes Neutralize Materials Off Site Disposal

+ A removal action was previously completed at this site.

* This is a Classic Emergency removal action.

**SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS
FROM 01/01/80 TO 09/30/89**

REGION	STATE	SITE NAME	CITY	ANNUAL* NPL REPORT
X	ALASKA	ALASKA BATTERY ENTERPRISES ALASKA HUSKY BATTERY INC. BENDLES ROAD OILING CO. OHLSON MOUNTAIN PCB STANDARD STEEL	FAIRBANKS ANCHORAGE CHUGIAK HOMER ANCHORAGE	Y 4 N 3 N 1 N 1 N 3
IV	ALABAMA	BAYFRONT ROAD DRUM SITE CALLAHAN DRUM CHURCH OF GOD PROPERTY FLOYD BRADFORD ROAD CHEMICALS FMHA-USDA/ROY SITE GARNER ROAD DRUM DUMP INGRAM PROPERTY MCALLISTER DRUM SITE MCALLISTER DRUM SITE MOBILE RIVER MOWBRAY ENGINEERING CO. MOWBRAY ENGINEERING CO. NEWFOUND ROAD PETRO CHEMICAL RICHWOOD AVENUE SOUTHERN PLATING TURKEY CREEK BARREL DUMP WELCO INC. DUMP WELCO INC. DUMPSITES	MOBILE PRATTVILLE MOODY LEEDS PINE LEVEL CORDOVA MORGAN COUNTY ASHVILLE ASHVILLE MOBILE GREENVILLE GREENVILLE BIRMINGHAM ATHENS IRONDALE MOBILE BIRMINGHAM WOODVILLE PAINT ROCK	N 4 N 1 N 1 N 4 N 3 N 3 N 2 N 1 N 1 N 4 N 1 N 2 N 1 N 1 N 4 N 1 N 4 N 2 N 2 N 4 N 2 N 3 N 3 N 3
VI	ARKANSAS	ALLEN TRANSFORMER BATESVILLE LANDFILL FIRE GRAMLICH RESIDENCE SITE GREENS PCB DRUMS JACKSONVILLE CRANE SITE MOUNTAIN PINE PRESSURE TREATER OLD HENLEY	FORT SMITH BATESVILLE FORT SMITH OZARK JACKSONVILLE PLAINVIEW NORPHLET	N N N N N N N N N N N N N N N N

- * Annual Report:
- 1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
- 2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
- 3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
- 4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

**SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS
FROM 01/01/80 TO 09/30/89**

REGION	STATE	SITE NAME	CITY	ANNUAL* NPL REPORT
VI	ARKANSAS	WEATHERFORD RESIDENCE	JACKSONVILLE	N 4
IX	AMERICAN SAMOA	A.S. POWER PLANT SATALA POWER PLANT TAFUNA POWER PLANT #1 TAFUNA POWER PLANT #2 TAPUTIMU FARM	AMERICAN SAMOA AMERICAN SAMOA AMERICAN SAMOA AMERICAN SAMOA ISLAND TUTUILA	N 1 N 1 N 1 N 1 N 1
			COOLIDGE MARICOPA MARICOPA COUNTY RED MESA PARKER YUMA YUMA TUCCSON COPPER MINE	2 3 1 4 4 3 3 1 1
	ARIZONA	DELA-TEK GILA RESERVATION DRUM DUMP GILA RIVER INDIAN RESERVATION NAVAJO PESTICIDES PARKER PESTICIDES STANFORD SITE #1 STANFORD SITE #2 THE CHROME SHOP TUBA CITY ACID TANK	ANTIOCH CARLSBAD MONROVIA OAKLAND PASADENA ROSAMOND SANTA FE SPRINGS ROSAMOND CHULA VISTA LOS ANGELES SUN VALLEY LOS ANGELES COPPEROPOLIS SAN DIEGO LONG BEACH	1 1 3 2 1 4 1 3 2 1 1 1 1 1 1 1
	CALIFORNIA	ABANDONED DRUM ABANDONED DRUM ABCO METAL FINISHING AERO QUALITY PLATING CO. ANGELES NATIONAL FOREST AVENUE A BLOOMFIELD AVENUE BRIDGES AND SONS TRUCKING BROWN'S FIELD SITE BUILDERS HARDWARE FINISHING CALIFORNIA BIONUCLEAR CHEROKEE TRUCKING COPPEROPOLIS SITE CREATIVE DYNAMICS CRYSTAL COVE BEACH	ROSAMOND CHULA VISTA LOS ANGELES SUN VALLEY LOS ANGELES COPPEROPOLIS SAN DIEGO LONG BEACH	4 1 1 3 2 1 3 2 1 1 2 1 1 1 1

* Annual Report:

- 1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
- 2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
- 3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
- 4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

**SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS
FROM 01/01/80 TO 09/30/89**

* Annual Report:

- 1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
 - 2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
 - 3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
 - 4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

**SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS
FROM 01/01/80 TO 09/30/89**

REGION	STATE	SITE NAME	CITY	ANNUAL* NPL REPORT
IX	CALIFORNIA	RIVERSIDE PESTICIDE	RIVERSIDE	1
		ROIC-SUN VALLEY	SUN VALLEY	1
		RYAN PAINTS	OAKLAND	3
		SACRAMENTO RIVER	SACRAMENTO	1
		SOUTH BAY ASBESTOS AREA	ALVISO	1
		SOUTH BAY ASBESTOS AREA	ALVISO	2
		SOUTH HALF MOON BAY	SAN MATEO	1
		STANDARD CHEMICAL	HUNTINGTON	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	1
		TECATE SITE	TECATE	1
		UNKNOWN CHEMICAL DRUMS	LAGUNA BEACH	1
		WASTE DISPOSAL INC.	LOS ANGELES	3
		WESTERN STATES REFINING	FONTANA	1
		WHITTIER-PROPEL	WHITTIER	3
		YUCAIPA DRUG LAB	YUCPA	1
		BRIGHTON DRUM	BRIGHTON	4
		CALIFORNIA GULCH	LEADVILLE	1
		CAMAX SITE	ADAMS CITY	2
		CAPT. JACK MILL	WARD	3
VIII	COLORADO	CENTRAL CITY-CLEAR CREEK	IDAHO SPRINGS	2
		CENTRAL CITY-CLEAR CREEK	CENTRAL CITY	4
		DENVER RADIUM SITE	DENVER	4
		DENVER RADIUM-B&C METALS	DENVER	1
		EAGLE MINE	MINTURN/RADCLIFF	1
		ENGLEWOOD DDT	ENGLEWOOD	3
		FARMERS IRRIGATION DITCH	BROOMFIELD	3
		FREJONLEY MINE	ROUTT CITY	1
		GENE MURREN	ERIE CITY	1
		GRAFF DRUMS	FT. MORGAN	3

* Annual Report:

- 1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
- 2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
- 3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
- 4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS
FROM 01/01/80 TO 09/30/89

REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL*
VIII	COLORADO	HEROLD SITE (BLACK HAWK) HIGH QUALITY CIRCUITS LOVELAND FIREWORKS MULE CREEK DRUMS ORDWAY DRUM PDC SPAS RIVERSIDE CEMETERY ROCKY MTN CUSTOM CHROME S. ADAMS CO. WATER DISTRICT SAND CREEK INDUSTRIAL WOODBURY CHEMICAL CO.	BLACKHAWK COLORADO SPRINGS LOVELAND ADAMS CITY ORDWAY JEFFERSON CITY COMMERCIAL CITY COLORADO SPRINGS DENVER COMMERCIAL CITY COMMERCIAL CITY	NNNNNNNNNNNNNNNN	2 3 4 3 3 1 3 3 3 3 3 3 3 3 3 3
I	CONNECTICUT	BOURDEAUDHUI CONNECTICUT RIVER DRUM SITE HOUSATONIC RIVER DRUMS KAPINOS SITE LINEMASTER SWITCH CORP. O'SULLIVAN'S ISLAND OLD SAYBROOK FIRE ROLIFIT CANAL ST SITE RYE STREET PESTICIDE SITE	WELLINGTON ROCKY HILL STRATFORD WELLINGTON WOODSTOCK DERBY OLD SAYBROOK SHELTON EAST WINDSOR	NNNNNNNNNNNNNNNN	1 2 2 1 2 1 1 4 3 1
III	DELAWARE	ARMY CREEK LANDFILL ATLANTIC AVE. DRUM SITE DELAWARE BAY DRUM DELAWARE RIVER II DELAWARE SAND & GRAVEL LANDFILL DOVER AFB HARVEY & KNOTT DRUM, INC. INDIAN RIVER NEW CASTLE CONTAINERS RAINTREE	NEW CASTLE COUNTY ELSMERE CAMDEN AUGUSTINE BEACH NEW CASTLE CITY DOVER KIRKWOOD INDIAN RIVER NEW CASTLE CHRISTIANA	Y 3 3 2 1 1 1 2 1 1 1 1 1 1 4	1 1 3 3 2 1 1 1 1 1 1 1 1 1 1 4

- * Annual Report:
- 1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
 - 2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
 - 3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
 - 4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

**SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS
FROM 01/01/80 TO 09/30/89**

REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL* REPORT
III	DELAWARE	SEALAND LTD TYBOUTS CORNER LANDFILL TYBOUTS CORNER LANDFILL	MT PLEASANT NEW CASTLE COUNTY NEW CASTLE COUNTY	N Y Y	1 1 2
IV	FLORIDA	ABANDONED DRUM ABANDONED DRUM/HILLSBOROUGH ABANDONED DRUM/HILLSBOROUGH ABANDONED DRUM/MARATHON AMERICAN CREOSOTE/PENSACOLA AMERICAN CREOSOTE/PENSACOLA AMERICAN CREOSOTE/PENSACOLA AMERICAN CREOSOTE/PENSACOLA AMERICAN CREOSOTE/PENSACOLA BEACHED DRUM CITY INDUSTRIES, INC. COLEMAN-EVANS WOOD PRESERVING CO. CREOSOTE TANKS RELEASE EDMUND'S SALVAGE YARD ELLIS ROAD ELLIS ROAD GENERAL LAMINATES GULF BREEZE II GULF BREEZE NAT'L SEASHORE HILLSBOROUGH RIVER ABAN. DRUM HPPS ROAD LANDFILL HOLLINGSWORTH SOLDERLESS SITE LAKE WORTH INLET LUMMIS ISLAND ORI PCB MIDNIGHT DUMP PEMBROKE PINES PEPPER STEEL & ALLOYS, INC. PERSONS' PROPERTY PCB DRUMS	FORT PIERCE TAMPA TAMPA MARATHON KEY PENSACOLA PENSACOLA PENSACOLA PENSACOLA PENSACOLA PENSACOLA PENSACOLA COCONUT BEACH ORLANDO JACKSONVILLE JACKSONVILLE CROSS CITY JACKSONVILLE JACKSONVILLE JASPER CITY FORT WALTON BEACH PENSACOLA TAMPA DUVAL COUNTY FORT LAUDERDALE LAKE WORTH INLET MIAMI FT WALTON BEACH BALDWIN HOLLYWOOD MEDLEY W PALM BEACH	N N N N Y Y Y Y Y Y N N Y N N N N N N N N Y Y Y N N N N N Y N	1 2

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IV	FLORIDA	PETROLEUM PRODUCTS CORP.	PEMBROKE PINES	Y	1
		PIONEER SAND CO.	WARRINGTON	Y	1
		S & S FLYING SERVICE	MARIANNA	N	1
		SAND KEY	BISCAYNE BAY	4	1
		SNAPPER LANE	KEY LARGO	1	1
		SOUTHERN CROP SERVICES	DELRAY BEACH	1	1
		ST. JOHN RIVER	JACKSONVILLE	4	1
		TOWER CHEMICAL CO	CLERMONT	1	1
		TRI-CITY OIL CONSERVATIONIST	TEMPLE TERRACE	1	1
		UNKNOWN CHEMICAL DISCHARGE	TAMPA	1	1
		WHITEHOUSE OIL PITS	WHITEHOUSE	1	1
		WHITEHOUSE OIL PITS	WHITEHOUSE	3	3
		WILLIAMS PESTICIDE SITE	AUGUSTA	1	1
		WORTHINGTON SPRING SITE	WORTHINGTON SPRING	3	3
		YELLOW WATER ROAD DUMP	BALDWIN	1	1
GEORGIA		ABRAMS BIG STAR PROP. DUMP SITE	OAKWOOD	N	4
		BANKS CO. DRUM SITE	HOMER	N	3
		BARNES MILL DRUM SITE	MARIETTA	2	2
		BATTLEFIELD PARKWAY AMMO DUMP	BARROW COUNTY	1	1
		BERRIEN PRODUCTS	FORT OGLETHORPE	4	4
		BUFORD HIGHWAY	NASHVILLE	1	1
		CASCADE ROAD	ATLANTA/DORAVILLE	1	1
		CATOOSA COUNTY LABPACK	ATLANTA	1	1
		CEDARTOWN BATTERY	CEDARTOWN	1	1
		CHEMRESOL INC.	FT. OGLETHORPE	4	4
		COBB COUNTY DRUM	BRUNSWICK	4	4
		DADE CO. DRUM SITE	MARIETTA	3	3
		DAVIS FARM	TRENTON	3	3
		DICKERSON POST TREATING	NICKELSVILLE	1	1
		DICKERSON POST TREATING	HOMERVILLE	3	3
		EASTERN CHEMICAL CO.	LITHONIA	1	1

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REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL*
IV	GEORGIA	FT. OGLETHORPE DRUM GA HIGHWAY 138 GAIL FOSTER PROPERTY GWINNETT COUNTY LAB PACK HADAWAY ROAD HEAD PCB SPILL HEADLAND DRIVE DRUMS HELTON PROPERTY SITE HOLLYWOOD CEMETERY SITE IVY ROAD (BESSIE RUNNER) JOHNSON PROPERTY SITE KENYON STREET DRUM SITE KHOURY TRAILER PARK LAKE KATHY ROAD SPILL LINECREST WAY MARIETTA ROAD MARZONE CHEMICAL CO. MATHIS/SHAYER FARM SITE MC DONALD FARM SITE MERCURY OIL SPILL NAOMI DRUM SITE NASHVILLE PESTICIDE SITE NATIONAL SMELTING & REFINING CO. NEWNAN LANDFILL OLD LARAMORE LTD PAPER MILL ROAD ABANDONED DRUM PAYCO PALLET AND DRUM PEACHTREE MERCURY PULVERIZING PLANT DRUM SITE ROCK BRIDGE PARK ROCK ROAD DRUM SITE ROME COAL TAR ROOSEVELT HIGHWAY SPILL	FT. OGLETHORPE CLAYTON CITY WADLEY SUWANEE KENNESAW JEFFERSON EAST POINT DALTON ATLANTA MABLETON STOCKBRIDGE ATLANTA FORT VALLEY DALTON DECATUR/DEKALB ATLANTA TIFFON LAFAYETTE DALTON MARIETTA NAOMI NASHVILLE ATLANTA NEWNAN LEESBURG LAWRENCEVILLE ELLENWOOD NORCROSS CHAMBLEE ROCKBRIDGE GREENVILLE ROME COLLEGE PARK		

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IV	GEORGIA	SALVO PROPERTY SIMPSON ROAD DRUM SWAINSBORO PRINTWORKS SWAINSBORO PRINTWORKS SWEETWATER CREEK DRUMS U.S. CUSTOMS PESTICIDE VILLA RICA-HIGH POINT ROAD WOODWARD MILL ROAD ZENITH CHEMICAL	ATLANTA SWAINSBORO SWAINSBORO DOUGLASVILLE SAVANNAH DOUGLAS CITY BUFORD DALTON	N N N N N N N N N N N N N N N N N N	1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 2
IX	HAWAII	HAUULA BEACH PARK M/V VICTORIA II KEEHI LAGOON PCB TRANSFORMERS PIER 35	HAWAII OAHU OAHU HONOLULU	N N N N N N N N N N N N N N N N	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VII	IOWA	AIDEX CORP. CURTIS ANIMAL PRODUCTS EGINOIRE FERTILIZER MICHAEL BATTERY	COUNCIL BLUFFS CORNING LORIMOR BETTENDORF	Y N N N N N	1 1 1 3 2
X	IDAHO	ARRCOM (DREXLER ENTERPRISES) ARRCOM (DREXLER ENTERPRISES) ARRCOM (DREXLER ENTERPRISES) BUNKER HILL MINING & METALLURG. BUNKER HILL MINING & METALLURG. COMEBACK MINE COMEBACK MINE ELK RIVER MITCHELL SITE EMMITT PCB GREENSPEED LAWCARE MUNICIPAL LANDFILL PACIFIC HIDE & FUR RECYCLING	RATHDRUM RATHDRUM RATHDRUM KELLOGG SMELTERVILLE PIONEERVILLE PIONEERVILLE ELK RIVER EMMITT BOISE POCATELLO POCATELLO	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	1 1 3 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1

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				NPL	REPORT
V	ILLINOIS	A & F MATERIALS RECLAMMING	GREENUP	Y	1
		A & F MATERIALS RECLAMMING	GREENUP	Y	1
		A & F MATERIALS RECLAMMING	GREENUP	Y	1
		A & F MATERIALS RECLAMMING	GREENUP	Y	1
		CHICAGO	CHICAGO	N	1
		CHICAGO	CHICAGO	N	2
		EAST ST LOUIS	EAST ST LOUIS	N	1
		SOUTHSIDE CHICAGO	SOUTHSIDE CHICAGO	N	1
		NEW ATHENS	NEW ATHENS	N	3
		BELVIDERE	BELVIDERE	Y	2
		COOK COUNTY	COOK COUNTY	Y	1
		BYRON	BYRON	Y	1
		CHICAGO	CHICAGO	Y	2
		CHICAGO	CHICAGO	Y	3
		ALSIP	ALSIP	N	4
		CHICAGO	CHICAGO	N	1
		DANVILLE	DANVILLE	N	1
		SAUGET	SAUGET	N	1
		WILL COUNTY	WILL COUNTY	N	1
		LATHAM	LATHAM	N	1
		BUSHNELL	BUSHNELL	Y	1
		LASALLE	LASALLE	Y	1
		LASALLE	LASALLE	Y	1
		LASALLE	LASALLE	Y	1
		CHICAGO	CHICAGO	N	1
		SORRENTO	SORRENTO	N	1
		CHICAGO	CHICAGO	N	1
		CHICAGO	CHICAGO	N	1
INDIANA		GARY	GARY	Y	3
		OHIO RIVER	OHIO RIVER	N	1
		BLOOMINGTON	BLOOMINGTON	Y	1

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL*
V	INDIANA	BLOOMINGTON CAPACITOR SITE	BLOOMINGTON	N	1
		CANTU WELL	GARY	3	
		DOWDEN LANDFILL	FORTVILLE	N	2
		ELKHART SITE	ELKHART	N	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		GALEN MEYERS	ZIONSVILLE	Y	1
		GARY DOG POUND	OSCEOLA	Y	1
		I-69	OSCEOLA	Y	1
		I.J. RECYCLING	GARY	2	
		INDIANA REFINERY	FISHERS	1	
		LAKE SANDY JO	FORT WAYNE	2	
		LAKE SANDY JO	PRINCETON	4	
		LEMON LANE LANDFILL	GARY	1	
		LUSHER STREET	BLOOMINGTON	1	
		LUSHER STREET	ELKHART	3	
		MAIN STREET WELL	ELKHART	3	
		MICHIGAN CITY DRUMS	MICHIGAN CITY	2	
		MIDCO I	GARY	1	
		MIDCO II	GARY	1	
		MIDWEST PLATING	GARY	4	
		MIDWEST PLATING-KOKOMO	LOGANSPORT	1	
		MONON WATERWORKS	KOKOMO	1	
		POER FARM	MONON	2	
		PORTAGE DRUMS	HANCOCK COUNTY	2	
		R.J. TRUCKING	PORTAGE	1	
		SEYMOUR RECYCLING CORP.	PRINCETON	2	
			SEYMOUR	1	

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				NPL REPORT
V	INDIANA	SHELTON WELLS	COLUMBUS	2
		STEEL CONTAINER	HAMMOND	1
		STEEL CONTAINER	HAMMOND	1
		SYCAMORE STREET	ELKHART	2
		TRI-STATE	COLUMBUS	3
		TRI-STATE	GARY	2
		TYLER STREET DRUMS	LEBANON	4
		WEDZEB ENTERPRISES	GARY	3
		WESTERN SCRAP CORP.	WESTVILLE	3
		WESTVILLE OIL CO.	WESTVILLE	4
		WESTVILLE OIL CO.	WESTVILLE	
VII	KANSAS	BEAUTY ROSE COSMETICS	KANSAS CITY	2
		CHEROKEE COUNTY (TRI STATE)	CHEROKEE COUNTY	2
		CHEROKEE COUNTY (TRI STATE)	CHEROKEE COUNTY	3
		JOHN'S REFINERY	WICHITA	1
		LEAVENWORTH ROAD EXPLOSIVES	KANSAS CITY	4
		RICHMOND STREET DRUM	KANSAS CITY	1
		ROBINSON DRUM SITE	ROBINSOM	4
		ROE LANE TANK	KANSAS CITY	3
		YODER VOCS	YODER	4
		A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	
		A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	
IV	KENTUCKY	A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	
		A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	
		A L TAYLOR (VALLEY OF DRUMS)	BOWLING GREEN	
		A L TAYLOR (VALLEY OF DRUMS)	RICHMOND	
		BOWLING GREEN TOXICS	KEVIL	
		CHENAULT RECTIFIERS	GREENUP	
		CLYDE ELROD DRUM SITE	WEST POINT	
		COAL BRANCH HOLLOW	JEFFERSON COUNTY	
		DISTLER BRICKYARD	COVINGTON	
		DISTLER FARM		
		DONALDSON ART SIGN COMPANY		

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REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL* REPORT
1	MASSACHUSETTS	ABANDONED DRUM BAIRD & MCGUIRE BAIRD & MCGUIRE BEAL STREET DRUM BREAKNECK ROAD CANNON ENGINEERING CORP. CAPE COD CANAL CHARLES GEORGE RECLAMATION CHATHAM BEACH CHATHAM DRUMS COTTAGE ST. DEAN STREET EDGARTOWN FAIRVIEW ROAD HIGH SACHEM SITE HOUGELS NECK HULL CAUSTIC WASTE (SAMOSET) INDUSTRI-PLEX INDUSTRI-PLEX IRON HORSE PARK LOWNEY WAY MARCONI BEACH MEGUNICO ROAD MENEMSHA II MERRIMACK RIVER MIDNIGHT DUMP NANTASKET BEACH NANTASKET BEACH NEW BEDFORD SITE NEW BEDFORD SITE NEW BEDFORD SITE NYANZA SITE PAMET RIVER	CAPE COD HOLBROOK HOLBROOK HINGHAM SOUTHBRIDGE PLYMOUTH SANDWICH TYNGSBOROUGH CHATHAM CHATHAM DORCHESTER NORWOOD NORWOOD'S VINEYARD NORWOOD MASHPEE QUINCY HULL WOBURN WOBURN BILLERICA, CHARLESTOWN WELLFLEET ASHLAND MARTHA'S VINEYARD LOWELL DIGHTON HULL HULL NEW BEDFORD NEW BEDFORD NEW BEDFORD ASHLAND TRURO	2 1 1 2 1 3 1 3 4 3 1 4 3 2 1 4 3 3 1 1 4 3 1 4 3 3 1 4 3 4 1 3 3 1 1 1 3 4	

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL*
I	MASSACHUSETTS	PUTNAM FIRE SALEM ACRES SILRESIM CHEMICAL CORP. SILRESIM CHEMICAL CORP. SOUTH BEACH VINEYARD SOUND	PUTNAM SALEM LOWELL LOWELL EDGARTOWN MARTHA'S VINEYARD	N Y Y Y N N	4 3 1 1 2 4
III	MARYLAND	ADAMSTOWN SITE BALTIMORE IRON & METALS CALIFORNIA MARYLAND DRUM CAPITOL ASSAY LABS CECIL COUNTY DUMP CECIL COUNTY DUMP CHEMICAL METALS INDUSTRIES COLUMBIA PARK DRUM EVANS TRAIL IRON HILL DRUM SITE KANE & LOMBARD STREET DRUMS LOCOMOTIVE JUNKYARD MIDDLETOWN ROAD DUMP OAKLAND JUNKYARD SAND, GRAVEL & STONE SECURITY BOULEVARD SOUTHERN MARYLAND WOOD TREATING SPECTRON, INC. SPRINGER SEPTIC SERVICES UNION PLATING UNITED RIGGING & HAULING	FREDERICK COUNTY BALTIMORE ST MARY'S COUNTY BALTIMORE NORTHEAST NORTHEAST BALTIMORE COLUMBIA PARK CALVERTON ELKTON BALTIMORE BALTIMORE BALTIMORE ANNAPOLIS OAKLAND ELKTON BALTIMORE HOLLYWOOD ELKTON CHAPITCO BALTIMORE BELTSVILLE	3 1 1 2 1 1 1 1 1 3 1 2 1 1 3	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
I	MAINE	ANDROSCOGGIN (FLOOD) GREAT DIAMOND ISLAND	PENNOBS/PISCATAQUA PORTLAND	N N N N N N N N N N N N N N N N	2 1

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL*
I	MAINE	KENNEBEC (FLOOD) KESWICK ROAD PINETTE'S SALVAGE SACO TANNERY WASTE PITS UNION CHEMICAL CO. WATERBORO PATENT CORPORATION	KENNEBEC PORTLAND WASHBURN SACO SOUTH HOPE WATERBORO	N N Y N N N	2 1 1 1 1 4
V	MICHIGAN	ABANDONED DRUMS-ECORSE AVENUE "E" GROUNDWATER BERLIN & FARRO BERLIN & FARRO BERLIN & FARRO BERLIN & FARRO CANNELTON INDUSTRIES CARTER INDUSTRIAL CARTER INDUSTRIALS, INC. CARTER INDUSTRIES CHEMICAL DRUM DRUMS ON BEACH DUELL AND GARDNER LANDFILL FORT & SCOTTEN STREETS G & H LANDFILL G & H LANDFILL G & H LANDFILL G & H LANDFILL GROUP EIGHT TECHNOLOGY HOLTZMAN/SILVERMAN INTERNATIONAL DISK CORP. INTERNATIONAL DISK CORP. LIQUID DISPOSAL INC LIQUID DISPOSAL INC LIQUID DISPOSAL INC LIQUID DISPOSAL INC	ECORSE TRAVERSE CITY SWARTZ CREEK SWARTZ CREEK SWARTZ CREEK SWARTZ CREEK SAULT STE MARIE DETROIT DETROIT DETROIT HESEL MANISTIQUE DALTON TWP DETROIT UTICA UTICA UTICA UTICA WYANDOTTE YPSILANTI ELLSWORTH ELLSWORTH UTICA UTICA UTICA UTICA	N Y Y Y N N Y Y Y Y Y Y Y Y Y Y Y Y Y N N Y Y Y N Y Y Y N N Y Y Y Y Y Y Y N N N Y Y Y Y Y Y Y Y	1 1 1 1 1 1 3 2 4 4 1 1 2 4 4 4 3 1 1 1 1 1 1 1

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IV	MISSISSIPPI	PLASTIFAX, INC. PRENTISS CREEOSOTE & FOREST PRODUCTS S. ELECTROFORMING SONFORD PRODUCTS SOUTHERN LUMBER CO.	GULFPORT PRENTISS KOSCIUSKO JACKSON CROSBY	N N N N N	1 4 1 1 1
VII	MONTANA	MILL CREEK SITE (ANACONDA) MONTANA POLE AND TREATING MOTHERLODE FACILITY RELIANCE REFINERY SILVER BOW CREEK/WALKERVILLE	ANACONDA BUTTE EAST HELENA KALISPELL SILVER BOW/DEER LDGE	Y Y N N Y	3 4 1 3 3
IV	NORTH CAROLINA	ABERDEEN PESTICIDE AHOSKIE MIDNIGHT DUMP ALANDALE DR. CHEMICAL SITE AUBURN CHURCH ROAD DRUMS BARNES PROPERTY BEACH CONTAINERS BOSTIC DRUM BUCKHORN PESTICIDE FIRE BUCKHORN RD. DRUM SITE BUSH BROTHERS PLATING CALDWELL COUNTY CAPE FEAR WOOD PRESERVING CAPE FEAR WOOD PRESERVING CAPE FEAR WOOD PRESERVING CAPE HATTERAS NATIONAL SEASHORE CARBONTON ROAD DRUM SITE CAROLINA PRODUCTION CAROLINA TRANSFORMER CO. CHADBURN TIRE FIRE CHARLES MACON LAGOON & DRUM	ABERDEEN AHOSKIE WILMINGTON RALEIGH FAIRMONT OREGON INLET HOLLY RIDGE BUCKHORN SANFORD REIDVILLE LENOIR FAYETTEVILLE FAYETTEVILLE FAYETTEVILLE FAYETTEVILLE RODANTHE SANFORD ASHEVILLE FAYETTEVILLE CHADBURN CORDOVA	N N N N N N N N N N Y Y Y Y Y N N N Y N Y	1 1 2 2 3 2 3 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 3 1 4 1

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				REPORT	
IV	NORTH CAROLINA	CHEMTRONICS INC.	SWANNANOA	Y	1
		CLAYTON BALLFIELD PESTICIDE	CLAYTON	NNNN	1
		CLEVELAND CO. DRUM SITE	SHELBY	3	1
		CORNELL-DUBLIER	SANFORD	3	3
		CURRITUCK PHOSPHORUS	CURRITUCK	4	4
		DAVENPORT CREOSOTE SPILL	PINETOPS	1	1
		DOCKERY PROPERTY	CORDOVA	1	1
		DOT MAINTENANCE YARD	SHALLOT	1	1
		ELIZABETH CITY DRUM	ELIZABETH CITY	1	1
		EVERHART LUMBER SITE	NEW BERN	1	1
		FORBUSH METAL FINISHING	YADKINVILLE	3	3
		FURNACE RD. DRUM SITE	LINCOLNTON	2	2
		GASTON CO. DRUM SITE	GASTONIA	3	3
		GIBSON MIDNIGHT DUMP	GIBSON	3	3
		GILLCREST ROAD	WAKE FOREST	1	1
		HOLLINGSWORTH PESTICIDE SITE	FAYETTEVILLE	2	2
		HUMPBACK MTN. RD. DRUMS	SPRUCE PINE	2	2
		JMC PLATING	LEXINGTON	3	3
		LAUREL SPRINGS PCB SITE	LAUREL SPRINGS	2	2
		LENOIR REFINING	LENOIR	1	1
		MARTINS CREEK ROAD	BARNARDSVILLE	4	4
		MIDNIGHT DUMPING/GUILFORD	GUILFORD	1	1
		ONE HOUR KORETIZING	DURHAM	1	1
		PCB CONTAMINATION WELLS	TAYLORSVILLE	3	3
		PIERCE (LYNN) PROPERTY	APEX	4	4
		PILOT MOUNTAIN TIRE FIRE	PILOT MOUNTAIN	4	4
		PLYMOUTH WOOD TREATMENT	PLYMOUTH	1	1
		POTTERS PITS	MACO	1	1
		QUEENS PROPERTY	CHARLOTTE	2	2
		RED CAP DOG FOOD	BURLINGTON	4	4
		ROUTE 211 PESTICIDE SITE	ABERDEEN	1	1
		ROWES CORNER DRUM DUMP	ROWES CORNER	2	2
		SAVAGE OIL OF AMERICA	ROCKINGHAM	1	1

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IV	NORTH CAROLINA	SAMPSON CO. DUMPSTER SANFORD PLATING COMPANY SCOTTS CREEK BATTERY SOUTH RIVERDALE DRIVE U.S. 70 DUMP SITE U.S. HWY 1 TRUCK SITE UNION CO. DRUM SITE UNITED HOUSE OF PRAYER DRUM SITE WESTERN CAROLINA SMELTING WOODY'S TIRE FIRE	ROSEBORO SANFORD NEW BERN DURHAM MORGANTOWN VASS MONROE SALISBURY MADISON GASTONIA	N N N N N N N N N N N N	1 2 1 1 2 1 3 4 1 1 3
VIII	NORTH DAKOTA	ARSENIC TRIOXIDE ARSENIC TRIOXIDE GRAND FORKS DRUM SITE VAAGAN-DAHLE FARM	SOUTHEASTERN ND LIDGERWOOD GRAND FORKS CARPIO	Y Y N N	2 4 1 1
VII	NEBRASKA	ECONOMY PRODUCTS ENVIRONMENTAL SERVICES INC. FREMONT TRIZONE CYLINDER HOFFMAN DRUM (ALLIANCE) HOFFMAN DRUM (ALLIANCE) MARCY STREET MURDOCK GROUNDWATER MURDOCK GROUNDWATER NEBRASKA ARMY ORDNANCE PLANT PARK MOBILE HOME GROUNDWATER CONT.	OMAHA OMAHA FREMONT ALLIANCE ALLIANCE OMAHA MURDOCK MURDOCK MEAD NORFOLK	N N N N N N N Y N N	1 1 4 3 3 1 2 4 4
I	NEW HAMPSHIRE	13 NIQUETTE (27) 17 NIQUETTE AUBURN RD AUBURN RD LANDFILL BURNS HILL ROAD BURSEY ASBESTOS	NASHUA NASHUA LONDONDERRY LONDONDERRY HUDSON HUDSON	N N Y Y N N	3 3 2 4 1 1

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I	NEW HAMPSHIRE	FLETCHER'S PAINT STORE FACILITY	MILFORD	N	4
		FLETCHER'S PAINT WORKS	MILFORD	Y	4
		GONIC SITES	GONIC	1	1
		HALL STREET	BOW	2	2
		JOHNS MANVILLE ASBESTOS SITE	HUDSON	1	1
		KEEFE ENVIRONMENTAL SERVICES	EPPING	1	1
		LAKE SUNAPEE	SUNAPEE	1	1
		LOWELL ROAD	HUDSON	1	1
		MATARAZZO	HUDSON	1	1
		MOTTOLO PIG FARM	RAYMOND	1	1
		OTTATI & GOSS/KINGSTON STEEL	KINGSTON	1	1
		POINTER ASBESTOS	HUDSON	1	1
		RIDGE AVENUE ASBESTOS	HUDSON	1	1
		RUSSEL AVE (28)	NASHUA	3	3
		S. BANK ASBESTOS	NASHUA	1	1
		S. BANK ASBESTOS	NASHUA	2	2
		SAVAGE MUNICIPAL WATER SUPPLY	MILFORD	1	1
		SHADY LANE ASBESTOS	NASHUA	1	1
		SYLVESTER	NASHUA	1	1
		TIBBETTS ROAD	BARRINGTON	1	1
		TIBBETTS ROAD	BARRINGTON	3	3
		TIBBETTS ROAD	BARRINGTON	3	3
		TINKHAM GARAGE	LONDONDERRY	1	1
II	NEW JERSEY	ARKANSAS COMPANY	NEWARK	N	4
		ATLANTIC RESOURCES	SAYREVILLE	3	3
		BLUE POLY DRUM	GLoucester CITY	1	1
		BLUE SPRUCE INTERNATIONAL	BOUND BROOK	1	1
		BRADY METALS	NEWARK	1	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1

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II	NEW JERSEY	BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	1
		BURNT FLY BOG	MARLBORO TWP	1
		CAMPLAIN ROAD	HILLSBOROUGH	1
		CAMPLAIN ROAD	HILLSBOROUGH	2
		CHEMICAL CONTROL	ELIZABETH	1
		CHEMICAL CONTROL	ELIZABETH	1
		CHEMICAL INSECTICIDE CORP.	METUCHEN	3
		CHEMICAL INSECTICIDE CORP.	EDISON TWP	4
		CHEMICAL INSECTICIDE CORP.	BRIDGEPORT	2
		CHEMICAL LEAMAN TANK LINES	EAST HANOVER	3
		CONTAMINATED WELLS	EAST HANOVER	3
		CONTAMINATED WELLS	CAMDEN	3
		COOPER RIVER	TOMS RIVER	3
		COULTER STREET	NEWARK	1
		DELANCY TRAILER	GLOUSTER	2
		DELAWARE RIVER	PERTH AMBOY	1
		DUANE MARINE	SHAMONG TOWNSHIP	4
		DUANE MARINE	EAST BRUNSWICK TWP	1
		EWAN PROPERTY	GLOUCESTER TWP	1
		FRIED INDUSTRIES	PLUMSTED TWP	1
		GEMS LANDFILL	NEWARK	1
		GOOSE FARM	FRANKLIN TWP	4
		HAYES PARK POOL	HILLSBOROUGH	2
		HIGGINS FARM RT. 518	SAYREVILLE	1
		HILLSBOROUGH-ROUTE 206	WALLINGTON	2
		HORSESHOE ROAD DUMP	WALLINGTON	3
		INDUSTRIAL LATEX	WALLINGTON	4
		INDUSTRIAL LATEX	NEWARK	3
		INTERNATIONAL METALLURGICAL SERVICES	NEWARK	4
		INTERNATIONAL METALLURGICAL SERVICES	KEARNY	1
		KEARNY DRUM DUMP #1 & #5	KEARNY	1
		KEARNY DRUM DUMP #2	KIN-BUC LANDFILL	1
		KIN-BUC LANDFILL	EDISON TWP	1

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REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL*
II	NEW YORK	HUDSON RIVER	NEW YORK		N
		HYDE PARK DRUM SITE	DUTCHESS COUNTY		3
		JAGGER LANE	SOUTHAMPTON		2
		KENTUCKY AVE WELL FIELD	HORSEHEADS		1
		LA CLAIR RESIDENCE	FORT ANN		1
		LINCOLN AVENUE	PORT JEFFERSON		3
		LINDENHURST	BOHEMIA		1
		LONG ISLAND BEACH	BABYLON		2
		LONG ISLAND SOUND	RYE		1
		LOVE CANAL (BLACK CREEK)	MORICHES		4
		MADISON WIRE CO	NIAGARA FALLS		1
		MATTIACE PETRO CHEMICAL	WEST SENECA		2
		MEK SPILL	GLEN COVE		3
		MILLER ROAD	HICKSVILLE		1
		MORELAND FARM	AMITYVILLE		1
		N. LINDENHURST	COMMACK		3
		NEWSTEAD SITE	BABYLON		2
		NIAGARA RIVER	NEWSTEAD		2
		NOAH'S PATH	YOUNGSTOWN		4
		OLEAN WELL FIELD	ROCKY POINT		4
		OLEAN WELL FIELD	OLEAN		3
		OLEAN WELL FIELD	OLEAN		4
		PARTHEY LANE	AMITYVILLE		1
		POLLUTION ABATEMENT SVCS (PAS)	OSWEGO		2
		POLLUTION ABATEMENT SVCS (PAS)	OSWEGO		1
		PRIMO SHIELD	UTICA		3
		RIDGE ROAD AT RT. 20	POMPEY		2
		RIDGE ROAD AT RT. 20	POMPEY		3
		ROSEN SITE	CORTLAND		3
		SABRE PARK	NIAGARA		4
		SAG HARBOR	SOUTHAMPTON		4
		SAG HARBOR	SOUTHAMPTON		1

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REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL* REPORT
II	NEW YORK	SAMMIS AVENUE-DEER PARK SHIRLEY #2 SIGNO TRADING SIGNO/COTY SIGNO/KENSTON SIGNO/MT. VERNON TOWN OF KENT VANDERHURST #2 WADING RIVER WALLKILL WELL WIDE BEACH WIDE BEACH WINDUS DR. WINDUS DR. YORK OIL CO. YORK OIL CO.	BABYLON BROADWAY WESTCHESTER STATEN ISLAND BROOKLYN MOUNT VERNON PUTNAM COUNTY OLEAN SUFFOLK COUNTY WALLKILL BRANT BRANT SHIRLEY SHIRLEY MORIA MORIA	N N N N N N N Y Y Y N N Y Y 1 2 3 2 2 1 2 4 1 1 1 1 1 1 1	N N N N N N N Y Y Y N N N N N N 1 2 3 2 2 1 2 4 1 1 1 1 1 1 1
V	OHIO	ABANDONED CHEMICALS AEROQUIP/REPUBLIC HOSE AMERICAN STEEL DRUM AMERICAN STEEL DRUM ANACONDA ROAD SITE ASBESTOS BAGS ORWELL CENTRAL WASTE LANDFILL CHEM-DYNE CHEM-DYNE CHEM-DYNE CHEMECO CHEMICAL MINERALS RECLAMATION COMMERCIAL OIL COMMERCIAL OIL DAYTON TIRE & RUBBER CO. DAYTON TIRE & RUBBER CO.	CLEVELAND OAKLAND BEDFORD BEDFORD AKRON ORWELL ALLIANCE HAMILTON HAMILTON HAMILTON ASTABULA CLEVELAND OREGON OREGON DAYTON DAYTON	1 1 1 1 3 1 2 2 1 1 1 3 2 2 4	N N N N N N N Y Y Y N N N N N N 1 2 3 2 2 1 2 4 1 1 1 1 1 1 1

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V	OHIO			REPORT	
		GP & K, INC.	MENTOR	N	1
		GREINERS LAGOON	FREMONT	N	1
		GREINERS LAGOON	FREMONT	N	1
		GREINERS LAGOON	FREMONT	N	1
		HYTECH CHROME	LOGAN	N	3
		J.C. HAYNES	NEWARK	N	1
		J.V. PETERS	MIDDLEFIELD	N	1
		K & S CIRCUITS	PHILLIPSBERG	N	3
		KREJCI DUMP	BOSTON TWP	N	4
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	1
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	1
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	1
		LIQUID WASTE MANAGEMENT	SHANDON	Y	3
		MIDNIGHT DUMP,W.58TH STREET	CLEVELAND	N	2
		OLD MILL	ROCK CREEK	N	1
		OLD MILL	ROCK CREEK	Y	1
		PETROLEUM POWER & MAINTENANCE	LOUISVILLE	Y	1
		RASER TANNERY	ASHTABULA	Y	1
		RELIEBLE PLATING	FINDLAY	Y	1
		SEAWAY WAREHOUSE	WASHINGTON COURTHOUSE	Y	3
		SKILJAN/DIAL	CLEVELAND	Y	1
		SUMMIT EQUIPMENT & SUPPLIES	AKRON	Y	2
		SUMMIT NATIONAL	DEERFIELD	Y	1
		SUMMIT NATIONAL	DEERFIELD	Y	1
		T.P. LONG	AKRON	Y	3
		UNITED SCRAP LEAD CO.	TROY	Y	4
		VALLEYWOOD SUBDIVISION	VALLEYWOOD	Y	1

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL*
VI	OKLAHOMA	10TH ST. DUMP/JUNKYARD COMPASS INDUSTRIES DUNCAN TRANSFORMER SITE FOURTH STREET ABANDONED REFINERY HADDOCK AIRPORT JACK DENNIS PESTICIDE BURN SITE JACK DENNIS PESTICIDE BURN SITE TAR CREEK (OTTAWA COUNTY) WHEATLAND DRUM	OKLAHOMA CITY TULSA DUNCAN OKLAHOMA CITY ERRICK MIDWEST CITY MIDWEST CITY MIAMI OKLAHOMA CITY	Y 3 1 4 1 1 1 1 1	2 3 1 4 1 1 1 1 1
X	OREGON	DEPOE BAY MARTIN ELECTRIC NORTHWEST DUST CONTROL UNION AVE. PCB SITE UNITED CHROME PRODUCTS INC WILLAMETTE RIVER	LINCOLN CITY LAKE OSWEGO WHITE CITY PORTLAND CORVALLIS PORTLAND	N N N N Y N	3 4 1 1 1 2
III	PENNSYLVANIA	ABANDONED CHEMICAL TRAILER ABM EDDYSTONE ALDERFER LANDFILL AMBLER ASBESTOS PILES AMERICAN INSULATOR APACHE WASTE OIL ASHLAND CHEMICAL BENSALEM DRUM BERKS SAND PIT-VAN ELLSWYCK BFG ELECTROPLATING BIESSLER ROAD BOYERTOWN SCRAP METAL BRODHEAD CREEK BROWN'S BATTERY BREAKING BRUIN LAGOON	WEST VERSAILLES EDDYSTONE FRANCONIA TOWNSHIP AMBLER ASBESTOS NEW FREEDOM, CORISHOHOCKEN PHILADELPHIA BENSALEM TWP. LONGSWAMP TWP PUNXSUTAWNY UPPER MARION TWP. BOYERTOWN STROUDSBURG SHOEMAKERSVILLE BRUIN BOROUGH	N N N Y Y N N N N N N Y Y Y Y	4 1 4 1 1 3 1 2 1 1 1 1 1 1 1

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REGION	STATE	SITE NAME	CITY	NPL REPORT	ANNUAL*
III	PENNSYLVANIA	BRUIN LAGOON BURIED DRUM REMOVAL	BRUIN BOROUGH MCKEAN COUNTY	NNNNNN	YY
		BUTLER TUNNEL	PITTSTON	NNNN	1
		C & F CHEMICAL	GOSHEN	NNNN	1
		C. E. BRUBAKER	LANCASTER	NNNN	1
		CAMP RUN DRUM	MCKEAN COUNTY	NNNN	1
		CAUSTIC MIDNIGHT DUMP	PHILADELPHIA	NNNN	1
		DONEGAL TWP. MIDNIGHT DRUM DUMP	BUTLER COUNTY	NNNN	3
		DORNEY ROAD LANDFILL	UPPER MACUNGIE TWP.	NNNN	1
		DRACUP WAREHOUSE	YOUNGSVILLE	NNNN	1
		DRACUP WAREHOUSE	YOUNGSVILLE	NNNN	1
		DRAKE CHEMICAL	LOCKHAVEN	NNNN	1
		DRAKE CHEMICAL	LOCK HAVEN	NNNN	1
		DUNCANSVILLE TANKER	DUNCANSVILLE	NNNN	1
		DUNNING MOUNTAIN DRUM FIRE	BLAIR COUNTY	NNNN	1
		DURHAM TWP SOLVENT SPILL	DURHAM TWP.	NNNN	2
		EAGER BEAVER LUMBER CO.	TOWNVILLE	NNNN	3
		EAST KANE TAR PIT	EAST KANE	NNNN	4
		EDDYSTON AVE. TRAILER SITE	EDDYSTON	NNNN	4
		EWEING ROAD DRUM SITE	COLLIER TWP	NNNN	1
		FENNEL ROAD	BUCKS COUNTY	NNNN	1
		FRONT ST. TANKER	CHESTER	NNNN	3
		GARAGE FIRE	GLENDALE	NNNN	1
		GRADYVILLE MIDNIGHT DUMPING	GRADYVILLE	NNNN	1
		HIGH QUALITY PLATING	OLD ZIONSVILLE	NNNN	1
		HOWARD RODGER'S DRUM	FRANKLIN	NNNN	2
		HUTCHINSON PCB MINE	HUTCHINSON	NNNN	3
		INTERSTATE TRANSFORMER	ELLWOOD CITY	NNNN	3
		JACKSON CERAMICS INC.	FALLS CREEK	NNNN	1
		JOHNSON BRONZE	NEW CASTLE	NNNN	4
		KEVAK PROPERTY	GLEN LYON	NNNN	3
		KEYSER AVE BOREHOLE	LACKAWANA COUNTY	NNNN	3
		KRUM TRASH	DANVILLE	NNNN	2
				1	1

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III	PENNSYLVANIA	LACKAWANNA REFUSE LANCASTER BATTERY LANSDOWNE RADIATION M.W. MANUFACTURING MALITOVSKY DRUM CO. MERCER COUNTY DRUM DUMP METCOA RADIATION SITE MILL CREEK DUMP MONROE STREET SITE MT. POCONO MUNICIPAL & INDUSTRIAL DISPOSAL CORP. MUSKRAT ROAD DRUM NICKEL PLATE ROAD NVF COMPANY OLD AMERICAN GLYCERINE OLD GARAGE PAGAN ROAD PAOLI RAIL YARDS PATRICK DIEHL PINNEY CREEK DRUM PLYMOUTH MEETING DRUM POTTS TOWN ABANDONED TRAILER PRINTED CIRCUITS, INC. REVERE CHEMICAL ROTUNDA DRIVE RTE 13 DRUM SITE RTE. 563 DRUM SITE SANDONELLE PCB SATELLITE/AMMET INCENDIARY SOLLY AVE. MIDNIGHT DRUM DUMP SON OF LANSDOWNE SSCD SCHOOLYARD SITE	OLD FORGE MANHEIM TWP. LANSDOWNE VALLEY TWP PITTSBURGH MERCER COUNTY PULASKI TWP ERIE ERIE YORK MONROE COUNTY ELIZABETH TOWNSHIP BUCKS COUNTY COCHRANTON KENNETT SQUARE MCKEAN MARION HEIGHTS ERIE COUNTY PAOLI BLAIR COUNTY BLAIR COUNTY PLYMOUTH MEETING POTTS TOWN BRISTOL TWP NOCKAMIXON TWP. ERIE COUNTY BUCKS COUNTY SALFORD TWP. FINDLEY TWP. ALLEGHENY COUNTY NE PHILADELPHIA LANSDOWNE PUNXSUTAWNEY	1 2 3 1 1 1 2 1 2 4 1 4 1 4 1 1 3 2 3 3 1 2 1 1 1 2 1 1 3 3 2 2	

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REGION	STATE	SITE NAME	CITY	ANNUAL* REPORT	
				NPL	REPORT
IX	PACIFIC TRUST	W TRUST TERR (32-YAP)	PACIFIC TRUST TERR		
		W TRUST TERR (33-YAP)	PACIFIC TRUST TERR		
		W TRUST TERR (4-GUAM EDUC)	PACIFIC TRUST TERR		
		W TRUST TERR (4-GUAM PUB HOSP)	PACIFIC TRUST TERR		
		W TRUST TERR (5-GUAM AGRI)	PACIFIC TRUST TERR		
		W TRUST TERR (7-GUAM ECON)	PACIFIC TRUST TERR		
		W TRUST TERR (8-GUAM PHYS)	PACIFIC TRUST TERR		
		W TRUST TERR (9-GUAM DEPT PHL)	PACIFIC TRUST TERR		
		W TRUST TERR (B-DELA CRUZ)	PACIFIC TRUST TERR		
		W TRUST TERR (C-MAJURO HOSP)	PACIFIC TRUST TERR		
		W TRUST TERR (D-MED CLINIC)	PACIFIC TRUST TERR		
		W TRUST TERR (F-PROT YAP)	PACIFIC TRUST TERR		
		W TRUST TERR (G-USCG LORAN)	PACIFIC TRUST TERR		
		W. TRUST TERR (4 SITES)	PACIFIC TRUST TERR		
VI	TEXAS	301 MAIN STREET	SOUTH HOUSTON		
		ACRYLONITRIL SPILL	TEXAS CITY		
		AFFEL PART	GALVESTON		
		AGGIE CHEMICAL	SAN ANTONIO		
		AMERICAN THIO-CHEM	FORT WORTH		
		AMOCO DOCK 31	TEXAS CITY		
		BARKER CHEMICAL	GRANDVIEW		
		BESTPLATE INC.	HUTCHINS		
		BESTPLATE INC.	HUTCHINS		
		BIO-ECOLOGY SYSTEMS, INC.	GRAND PRAIRIE		
		BOLIVAR BEACH	BOLIVAR		
		CARGO SHIP EXPLOSION	HOUSTON		
		CATFORD ROAD	HOUSTON		
		CHEMICAL DRUMS-PADRE ISLAND	BROWNSVILLE		

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VI	TEXAS	CRYSTAL CITY AIRPORT CRYSTAL CITY AIRPORT DAVIS STREET DRUM SITE DEMPSEY RESIDENCE FRENCH, LTD. FRENCH, LTD.	CRYSTAL CITY CRYSTAL CITY HOUSTON PEARLAND CROSBY CROSBY CROSBY	Y Y N 4 2 1	1 3 4 2 1 1
		GALVESTON BEACH GENEVA IND/FURHMANN ENERGY CP. GENEVA IND/FURHMANN ENERGY CP. GENEVA IND/FURHMANN ENERGY CP. GENEVA IND/FURHMANN ENERGY CP. GENEVA IND/FURHMANN ENERGY CP.	GALVESTON HOUSTON HOUSTON HOUSTON HOUSTON HOUSTON	N Y Y Y Y Y	4 4 4 4 1 1
		GULF INTERCOASTAL WATERWAY HERITAGE/LAUREL HIGHLANDS ACID PIT HIGHLANDS ACID PIT	GALVESTON FRIENDSWOOD HIGHLANDS HIGHLANDS	4 2 1 1	4 2 1 1
		HOLLEY RESIDENCE HOUSTON SHIP CHANNEL J & J PLASTICS	PEARLAND HOUSTON TURNER	N N Y	2 2 1
		JEFFERSON ROAD DRUM SITE JENSEN DRIVE DRUM SITE LOVE RESIDENCE MATAGORDA BEACH MATAGORDA ISLAND MIDNIGHT DUMP	GRAND PRAIRIE HOUSTON HOUSTON FRIENDSWOOD MATAGORDA GULF COAST PORT ARTHUR	N N N N 4 4	3 3 3 3 4 4
		MOTCO, INC. MOTCO, INC. MOTCO, INC. MOTCO, INC.	LA MARQUE LA MARQUE LA MARQUE LA MARQUE	Y Y Y Y	1 1 2 1
		MOTCO, INC.	LA MARQUE	Y	1

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VI	TEXAS	TRIANGLE CHEMICAL CO. TRIANGLE CHEMICAL CO. TRIANGLE CHEMICAL CO. U.S. CUSTOMS - MILLINGTON ADDITION WINKLER ROAD	Y Y Y N	1 1 1 4	1	
VII	UTAH	GREEN RIVER CYANIDE LIVINGSTON PROPERTY MONTGOMERY WARD STORE RANDALL RESIDENCE SINGLEY DRUMS WASATCH CHEMICAL CO. (LOT 6)	N N N N N Y	1 4 1 1 4 3	1	
III	VIRGINIA	C & R BATTERY CO. INC. CHESAPEAKE BAY GREENWOOD CHEMICAL CO HAMPTON CYLINDERS SITE LYNNHAVEN BAY MATHEWS ELECTROPLATING POINT OF ROCKS RHINEHART TIRE FIRE ROANOKE RIVER DRUMS TIDEWATER TNT	EMERY CITY WEST JORDAN MONTICELLO MONTICELLO BOUNTIFUL SALT LAKE CITY	N N N N N Y	1 4 1 1 4 3	1
II	VIRGIN ISLANDS	ST. JOHN	CHESTERFIELD COUNTY ASSATEQUE NATIONAL PARK NEWTOWN HAMPTON ROADS VIRGINIA BEACH SALEM ENON FREDERICK COUNTY ROANOKE SUFFOLK	Y Y Y N N N N N Y Y N N N N N N	2 2 3 1 2 3 4 1 2 3 3 2 3 2 3	2
I	VERMONT	CYANIDE INCIDENT PINE STREET CANAL SPRINGFIELD LANDFILL	VIRGIN ISLANDS	N	2	1
X	WASHINGTON	ABANDONED DRUM AMERICAN SURPLUS	KALAMA S. TACOMA	N N	1 1	1

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X	WASHINGTON	LAKE WASHINGTON DRUM LAKE WASHINGTON SHIP CHANNEL LITTLE LEAGUE PESTICIDE MARROWSTONE ISLAND NORTHWEST TRANSFORMER OLYMPIA PESTICIDE FIRE PALLISTER PAINT SITE PCB CONTAMINATION SPOKANE DRUM FIRE SPOKANE JUNK YARD WESTERN PROCESSING CO., INC. WILLIAMS & SON	SEATTLE SEATTLE ORCHARD PUGET SOUND EVERSON OLYMPIA EVERETT EVERETT WOODENVILLE SPOKANE SPOKANE KENT BUCKDA	N 3 2 1 1 1 1 2 3 3 1 1 4 1 1
V	WISCONSIN	ALPHA CASTING FOUNDRIES BETTER BRITE (CHIPPEWA) BETTER BRITE-CHROME C-WAY CHEM SCIENCES J.K. DRUM LAKEWOOD LUBRICANTS INC. MALLEABLE IRON OAK CREEK OCONOMOWOC ELECTROPLATING INC. REUPING LEATHER CO. REUPING LEATHER CO. RODGERS LABORATORIES SCHMALLZ DUMP SPECTRO CHEM TRY-CHEM WAUSAU GROUNDWATER CONTAM	PALMYRA CHIPPEWA DEPERE SPENCER GERMANTOWN NEW LONDON LAKEWOOD WEST ALLIS BEAVER DAM OAK CREEK ASHIPPIN FONDULAC FONDULAC MILWAUKEE HARRISON OREGON MILWAUKEE CITY WAUSAU	N 4 3 2 1 3 4 3 3 2 1 2 2 2 2 1 1 1 3

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III	WEST VIRGINIA	4H CAMP TAR PIT	UPSHUR CO.	N	
		ATWELL MT. DRUM	ATWELL	3	
		BIG JOHN'S SALVAGE	FAIRMONT	3	
		BITTLE WELL CONTAMINATION	HOLT ROAD	1	
		CHESAPEAKE PCB	CHARLESTOWN	1	
		CLARK PROPERTY	CHESAPEAKE	1	
		COONS RUN	KANAWHA COUNTY	1	
		CUMMING'S SALVAGE YARD DUMP	ADAMSONVILLE	1	
		EDWARDS ROAD SITE	SEDALIA	1	
		FIFTH STREET DRUM DUMP	COALBURG	3	
		FRAZIERS BOTTOM PCB SITE	HUNTINGTON	2	
		GARFIELD STREET DRUM	FRAZIERS BOTTOM	2	
		GREENBRIAR RIVER FLOOD	MCMECHEN	3	
		HARRIS PROPERTY	ALDERSON	1	
		HARRISON CO. PCB SPILL	POCA	1	
		HOLDER CORPORATION	HARRISON CO.	2	
		HOLDER CORPORATION	ONA	1	
		INTERSTATE 70 ACID SPILL	ONA	1	
		KABLETOWN ROAD	WHEELING	1	
		KAY LANE DRUM DUMP	JEFFERSTON COUNTY	2	
		KEYSTONE DRIVE PESTICIDE DUMP	CHARLESTON (KNOLLWOOD)	4	
		LAKIN STATE FARM	CHARLESTON	3	
		LEETOWN ABANDONED CHEMICAL DRUM	CHESTER	3	
		LEETOWN PESTICIDE	LEETOWN	4	
		MANILLA CREEK	LEETOWN	1	
		MECHLING HILL DRUM DUMP	POCA	1	
		MOUNT CLARE DRUM DUMP	FOLLANSBEE	4	
		OTSEGO PCB CAPACITOR	MOUNT CLARE	4	
		PETERSBURG FLOOD DEBRIS	OTSEGO	4	
		PRECIOUS METAL ABANDONED DRUMS	PETERSBURG	3	
		RAY YORK BODY SHOP	BECKLEY	3	
		RICHARDSON PROPERTY	OAK HILL	3	
			HUNTINGTON	3	

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VIII	WYOMING	ALLIED BARREL & CONTAINER CO. ELLERY REFINERY SITE MICKELSON RANCH MYSTERY BRIDGE AT HWY 20 TRUCK ACCIDENT YTTRIUM PROCESSING PLANT	BUFFALO MORTON BIG PINEY EVANSVILLE ARLINGTON LARAMIE	N N N Y N N	3 1 4 4 1 4

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U.S. Environmental Protection Agency
Region 5, Library (PL-12J)
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